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INVENTORY OF PUBLISHED AND UNPUBLISHED SEDIMENT-LOAD DATA IN THE UNITED STATES

Compiled under the auspices of
Subcommittee on Sedimentation
Federal Inter-Agency
River Basin Committee

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by the Soil Conservation Service
U. S. Department of Agriculture

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Edited and prepared for reproduction by the
SOIL CONSERVATION SERVICE, DEPARTMENT OF AGRICULTURE
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Subcommittee on Sedimentation
Federal Inter-Agency River Basin Committee

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FOREWORD

The need for an inventory of published and unpublished sediment-load data on streams in the United States has long been recognized by engineers, hydrologists, and conservationists concerned with the control and beneficial utilization of the Nation's water resources. Expansion of Federal programs of flood control, water-power development, reclamation, soil conservation, navigation, and water supply during the past two decades has made such a need more urgent.

Few sediment-load measurements were made prior to 1925. Captain Talcott of the Corps of Engineers, U. S. Army, made the first measurements in the Mississippi River in 1838. Various individuals and governmental agencies have engaged in programs of sediment sampling during the past 100 years with little or no collaboration or coordination. Much of the basic data on sediment loads of streams, particularly that of relatively greater accuracy collected during the past decade, has not yet been adequately published but has accumulated in the files and archives of Federal, State, and local agencies. This compilation of records is a step toward a closer coordination of the recording of useful data and techniques used in the collecting of sediment-load measurements.

When the Federal Inter-Agency River Basin Committee's Subcommittee on Sedimentation was formed in May 1946, it was agreed that one of the first tasks that the Subcommittee would undertake was the preparation of an inventory of existing data and records of sediment loads of streams. This task was considered a preliminary step in developing uniform standards for compilation, computation, and publication of data and records; in coordinating existing and contemplated programs of investigation; and in recommending additional basic investigations needed in the various drainage basins of the country. A work group consisting of representatives of the Corps of Engineers, the Bureau of Reclamation, the Geological Survey, the Soil Conservation Service, and the Tennessee Valley Authority was appointed to compile an inventory of all existing sediment-load records obtained through the water year ending September 30, 1946. A preliminary inventory issued in August 1947 has been corrected, revised, and enlarged to the present form. It is planned to issue supplementary inventories listing sediment-load records obtained in succeeding years.

This inventory is a compilation of records through the water year ending September 30, 1946. In order to include data which are of value, some records are included which extend beyond September 30, 1946. The information contained herein was supplied by offices of the Corps of Engineers, the Geological Survey, and the Soil Conservation Service, in Washington, D. C.; the Bureau of Reclamation in Denver, Colo.; and the Tennessee Valley Authority in Knoxville, Tenn. Although the inventory includes most of the stations at which systematic or repeated sediment-load measurements have been made in the United States, some of the records pertaining to the frequency and methods of sampling and form of results are incomplete. A brief description of the methods used for the preparation of this inventory is contained on the following pages under "Explanation of Tables and Definition of Terms." Descriptions of equipment and methods of sediment investigations may be found in the series of reports issued under the general title, "A Study of Methods Used in Measurement and Analysis of Sediment Loads in Streams," planned and conducted jointly by the Tennessee Valley Authority, Corps of Engineers, Department of Agriculture, Geological Survey, Bureau of Reclamation, Indian Service, and Iowa Institute of Hydraulic Research.

The listing of a record in this inventory should not be considered an endorsement of the validity of the basic data. No attempt has been made to classify the basic data according to their relative accuracy, although this may be inferred in part from information on the frequency and methods of sampling.

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January 28, 1949.

ACKNOWLEDGMENTS

The preparation of this inventory of sediment-load data has been made possible by the untiring efforts of many persons who have devoted long hours in the preparation and checking of records. Representatives of the Soil Conservation Service, Corps of Engineers, Bureau of Reclamation, and Geological Survey have supervised various phases of the work. Special thanks are extended to D. E. Havelka and Louis Karhi, whose major duty was the preparation and editing of inventory cards from which the tables were prepared. During the period 1938 to 1941 personnel of the Work Projects Administration, under the supervision of the Soil Conservation Service, assembled and carded sediment-load data from literature published prior to 1941. The efforts of the field offices of all agencies which have been primarily responsible for the collection of basic sediment data are gratefully acknowledged.

EXPLANATION OF TABLES AND DEFINITION OF TERMS

The inventory in general contains a classified list of sampling stations, giving the drainage area above station, period of record, number of sediment observations, sampling equipment, and unit of expression of concentration and load; and a list of references to the sources of basic data or published results. The inventory includes all stations at which two or more observations were known to have been made. Many of the source agencies have valuable miscellaneous sediment data, such as single observations at scattered stations, which are not susceptible to listing in this inventory.

The system adopted by the U. S. Geological Survey for listing stream-gaging stations in Water-Supply Papers is used in the inventory for arrangement of sediment-load sampling stations. Briefly, classification consists of 14 parts corresponding generally to the major drainage regions of the country. A map showing these parts is included at the end of the report. Stations under each part are listed according to their location, the first being those stations on the main stem in order downstream, and then on tributaries in the order in which the tributaries join the main stream stem progressing downstream. If there is more than one station in a tributary drainage area, stations on the main tributary are listed first in order downstream, and those on minor tributaries in the order that the minor tributaries join the main tributary, progressing downstream.

Location of Station

The name of the nearest post office is used, when available, for locating the sampling station. For some stations, the location is further qualified by including references to bridges, highways, locks, dams, etc.

Drainage Areas

Drainage areas are given in square miles, even though the original areas may have been given in acres or other units of land measure. The drainage areas given in the basic data or summaries are used in the tabulation. In some cases they differ considerably from those for the same station published by the Geological Survey in Water-Supply Papers, which are generally accepted as being correct. If no drainage area was obtainable from the basic data or summaries, the drainage area given by the Geological Survey in the most recent Water-Supply Papers for the particular station is used. These areas are indicated in the tables as follows:

a/ Areas which differ from those published by the Geological Survey in Water-Supply Papers.

b/ Drainage areas taken from most recent Geological Survey Water-Supply Paper for this station.

In a few instances the drainage areas differ for separate records at the same station, or the drainage area of a lower station may be smaller than that of a station immediately upstream. These apparent discrepancies result from accepting the drainage-area figures given in the basic data or summaries. For many of the older records, the published drainage areas were inadequately determined and are obviously incorrect. These values have been accepted, however, for want of better figures.

Many of the drainage areas given in the inventory are only approximate; therefore, all qualifying statements of drainage areas such as "about," "approximately," "±," "estimated," etc., have been omitted.

Period of Record

The period of record is given to the nearest day, month, and year when the information is available. If observations were made over a number of years, each year was not listed separately unless there was: (1) A break in record, (2) variation in methods of sampling or equipment used, (3) variation in units of expression, or (4) difference in source of information. For many stations it was difficult to determine whether a sampling record was continuous. Where doubt existed, the records are shown as discontinuous in the inventory. Where only a few scattered observations were made, the dates of the first and last observations only are shown.

Number of Observations

The number of observations is intended to show the average frequency of sampling and hence the relative adequacy of the record. The number of observations is interpreted to mean the number of sets of samples collected on which sediment-concentration analyses were made. The number of samples constituting a set may be one or several collected within a short period of time, the complete, or average, concentration of which is taken to represent the concentration of the stream at a given time. Where observations were made with two different samplers and the number of the observations for each type of sampling method is known, the larger number is given in the tabulation and the lesser number, providing it constitutes at least 10 percent of the total, is included as a footnote.

Sampling Equipment

Information appearing in the column, "Sampling Equipment," includes not only the particular type and model of sampler used, but also the way and manner in which it was used and the type of samples collected. The type of sampler used is indicated by the following symbols:

A-E Anderson-Einstein bottle sampler.

Atd Aluminum Company of America turbidity disc.

B	Bottle, can, bucket, or any unimproved container used to dip samples from a stream.
BEB	Beach Erosion Board sampler.
CWC	Connecticut State Water Commission improved sampler.
Dic	U. S. Geological Survey Colorado sampler.
Dih	U. S. Geological Survey horizontal bottle depth-integrating sampler.
DiI	US D-43 depth-integrating sampler.
Div	U. S. Geological Survey vertical bottle depth-integrating sampler.
HAk	Humphreys and Abbott keg sampler.
Ht	Horizontal trap sampler.
Jv	Johnson vertical trap sampler.
KCi	Kansas City improved-type sampler.
MRC	Mississippi River Commission sampler.
Msb	Mississippi River Commission slip bottle sampler.
NOv	New Orleans District, Corps of Engineers, vertical trap sampler.
O	Omaha District, Corps of Engineers, time-integrating sampler.
ORD	Ohio River Division, Corps of Engineers, silt sampler.
P	Pipe sampler.
P13I	US P-43 point-integrating sampler.
P16I	US P-46 point-integrating sampler.
Po	Pomerene automatic sampling wheel.
R	Ramser silt sampler and silt box.
RI	Rock Island District, Corps of Engineers, time-integrating sampler.
S	Straub sampler.

SP St. Paul District, Corps of Engineers, bottle sampler.

T-B Tait-Binckley sampler.

TVA Tennessee Valley Authority horizontal sampler.

UA U. S. Department of Agriculture bottle sampler.

UPT U. S. Bureau of Public Roads Topock sampler.

URY U. S. Bureau of Reclamation Yuma sampler.

Vht Vicksburg District, Corps of Engineers, horizontal-type trap.

Vv Vicksburg District, Corps of Engineers, vertical-type trap.

Detailed descriptions of most of these samplers may be found in "Field Practice and Equipment used in Sampling Suspended Sediment," Report No. 1, August 1940, of the cooperative studies of methods used in measurement and analysis of sediment loads in streams planned and conducted jointly by the Tennessee Valley Authority, Corps of Engineers, Department of Agriculture, Geological Survey, Bureau of Reclamation, Indian Service, and Iowa Institute of Hydraulic Research. Characteristics of several types of samplers are also given in "The Measurement of the Sediment Discharge of Streams," which was published in March 1948 as Report No. 8 in the above series of reports.

Abbreviations and symbols have been used to show the way and manner in which the sampler was used and the type of samples collected. The first number in the symbol, preceding the colon, indicates the number of verticals on which observations were made. A second number, following the colon, indicates the number of samples taken in each vertical. The location of the sample or samples in the vertical is shown by a lowercase letter or letters which follow the second number. The various combinations of numbers and letters and their meanings in respect to sampling method are listed below:

1:1 A single sample taken. Location of sample in reference to position in vertical unknown.

1:1s A single sample taken in the stream at or near the surface of the stream.

1:1m A single sample taken at or near mid-depth.

1:1b A single sample taken in a stream near the bottom.

1:1v A single vertical with sample taken at some depth other than at or near the surface, mid-depth, or bottom.

1:3smb A single vertical with samples taken at or near surface, mid-depth, and bottom.

1:1di A single depth-integrated sample.

1:3v A single vertical, but samples taken at three points in the vertical at various depths.

1-6:1di Depth-integrated samples taken at 1 to 6 verticals.

1-9:1-4V Samples taken at 1 to 9 verticals and at 1 to 4 points in each vertical.

Any number of combinations of sampling method can be described by these symbols. The following examples illustrate the complete symbol for equipment and method used in the inventory:

B1:1s A bottle or unimproved sampler used to dip a single sample at or near the surface of a stream.

D1I6:1di A US D-43 sampler used to obtain depth-integrated samples on 6 separate verticals across a stream.

03:3-5vc An Omaha sampler used to obtain composite samples on 3 separate verticals, 3 to 5 points in each vertical, across a stream.

03:3-5vd An Omaha sampler used to obtain differentiated samples on 3 separate verticals, 3 to 5 points in each vertical, across a stream.

03:3-5vcd An Omaha sampler used to obtain composite or differentiated samples on 3 separate verticals, 3 to 5 points in each vertical, across a stream.

Note: A composite sample consists of a group of point samples which are combined before concentration and particle-size distribution is determined.

A differentiated sample consists of a group of point samples which are analyzed for concentration and particle size individually.

One to three surface samples and one bed-material sample are taken with most composite and differentiated samples.

Unit of Expression

The expression of concentration is the unit used in the original analysis of the samples. The unit of expression for load was taken from the basic data when available. Where only published or unpublished summaries were available, the units given in the summaries are used and may differ from the units used in the basic data.

List of References

The second part of the inventory consists of a list of references to published and unpublished basic data and summaries. The list is arranged alphabetically by name of author and agency.

The Sedimentation Subcommittee does not have copies of the basic data nor a file of publications. If copies of basic data are desired, application must be made directly to the agencies or persons listed. The listing of unpublished data carries no assurance that individuals or agencies will be able to furnish the data upon request.

Conclusions

The inventory presented herewith contains the most complete available summary of records of sediment-load measurements collected in the United States through September 30, 1946. This report is admittedly incomplete in some respects, such as missing data on drainage basins, period of record, number of observations, sampling equipment and methods, and units of expression of concentration and load.

The information which is compiled in this inventory will be of value and assistance to those agencies and persons concerned with the control and beneficial utilization of the Nation's water resources in relation to water supply, hydroelectric power, reclamation, navigation, flood control, and soil conservation.

Part I

NORTH ATLANTIC SLOPE BASINS

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Thames River Basin								
Willimantic River	Stafford Springs, Conn.	54	5/46-9/46	5	CWC1:1	ppm	---	(24)
Willimantic River	South Coventry, Conn.	121[b]	5/30-12/42	155	CWC1:1	ppm	---	(24)
	do.	121[b]	5/46-9/46		CWC1:1	ppm	---	(24)
Shetucket River	South Windham, Conn.	405	1/30-11/42	158	CWC1:1	ppm	---	(24)
	do.	405	5/46-9/46		CWC1:1	ppm	---	(24)
Thames River	Norwich, Conn.	1,361	5/46-9/46	5	CWC1:1	ppm	---	(24)
Hop River	Columbia, Conn.	76.2[b]	5/32-7/42	113	CWC1:1	ppm	---	(24)
	do.	76.2[b]	5/46-9/46		CWC1:1	ppm	---	(24)
Natchaug River	Chaplin, Conn.	69	7/32-6/42	119	CWC1:1	ppm	---	(24)
Natchaug River	Willimantic, Conn.	169[b]	5/30-7/42	150	CWC1:1	ppm	---	(24)
	do.	169[b]	5/46-9/46		CWC1:1	ppm	---	(24)
Quinebaug River	Quinebaug, Conn.	157[b]	5/46-9/46	5	CWC1:1	ppm	---	(24)
Quinebaug River	Putnam, Conn.	331[b]	1/30-12/42	155	CWC1:1	ppm	---	(24)
Quinebaug River	Goodyear, Conn.	370	5/46-9/46	5	CWC1:1	ppm	---	(24)
Quinebaug River	Canterbury, Conn.	600	5/46-9/46	5	CWC1:1	ppm	---	(24)
Quinebaug River	Jewett City, Conn.	711[b]	1/30-11/42	159	CWC1:1	ppm	---	(24)
	do.	711[b]	5/46-9/46		CWC1:1	ppm	---	(24)
French River	State Line, Conn.	92.2	5/46-9/46	5	CWC1:1	ppm	---	(24)
Five Mile River	Danielson, Conn.	77.6	5/30-12/42	150	CWC1:1	ppm	---	(24)
Moosup River	Central Village, Conn.	89	5/46-9/46	5	CWC1:1	ppm	---	(24)
Yantic River	Yantic, Conn.	88.6[b]	4/30-10/42	156	CWC1:1	ppm	---	(24)
	do.	88.6[b]	5/46-9/46		CWC1:1	ppm	---	(24)
Oxoboxo Brook	Uncasville, Conn.	12.8	5/46-9/46	5	CWC1:1	ppm	---	(24)
Connecticut River Basin								
Connecticut River	Thompsonville, Conn.	9,661[b]	1/30-12/42	158	CWC1:1	ppm	---	(24)
	do.	9,661[b]	5/46-9/46		CWC1:1	ppm	---	(24)
Connecticut River	1/	---	10/38-12/38	480	B	---	---	(126)
Connecticut River	Hartford, Conn.	10,480	5/46-9/46	5	CWC1:1	ppm	---	(24)
Connecticut River	East Haddam, Conn.	11,080	5/46-9/46	5	CWC1:1	ppm	---	(24)
Connecticut River	2/	---	---	2 daily	B	---	---	(126)
Scantic River	Broad Brook, Conn.	98.4[b]	3/30-12/42	156	CWC1:1	ppm	---	(24)
	do.	98.4[b]	5/46-9/46		CWC1:1	ppm	---	(24)
Farmington River	Riverton, Conn.	216[b]	1/30-7/42	152	CWC1:1	ppm	---	(24)
	do.	216[b]	5/46-9/46		CWC1:1	ppm	---	(24)
Farmington River	Tariffville, Conn.	578	1/30-9/42	158	CWC1:1	ppm	---	(24)
	do.	578	5/46-9/46		CWC1:1	ppm	---	(24)
E. Br. Farmington River	New Hartford, Conn.	---	4/30-6/42	137	CWC1:1	ppm	---	(24)
Park River	Hartford, Conn.	74.0[b]	5/46-9/46	5	CWC1:1	ppm	---	(24)
Hockanum River	Rockville, Conn.	18	5/46-9/46	5	CWC1:1	ppm	---	(24)
Hockanum River	Vernon, Conn.	31.8	5/46-9/46	5	CWC1:1	ppm	---	(24)
Hockanum River	Burnside, Conn.	74.5	1/30-12/42	161	CWC1:1	ppm	---	(24)
	do.	74.5	5/46-9/46		CWC1:1	ppm	---	(24)
Mattabesett River	East Berlin, Conn.	45	5/46-9/46	5	CWC1:1	ppm	---	(24)
Salmon River	East Hampton, Conn.	105[b]	10/35-6/42	79	CWC1:1	ppm	---	(24)
Eightmile River	North Lyme, Conn.	22	11/37-6/42	54	CWC1:1	ppm	---	(24)
Quinnipiac River Basin								
Quinnipiac River	Southington, Conn.	17.6	5/46-9/46	5	CWC1:1	ppm	---	(24)
Quinnipiac River	Milldale, Conn.	35	5/46-9/46	5	CWC1:1	ppm	---	(24)
Quinnipiac River	South Meriden, Conn.	92.5	3/37-1/43	70	CWC1:1	ppm	---	(24)
Quinnipiac River	Yalesville, Conn.	100	5/46-9/46	5	CWC1:1	ppm	---	(24)
Quinnipiac River	Wallingford, Conn.	109[b]	7/30-11/42	149	CWC1:1	ppm	---	(24)
	do.	109[b]	5/46-9/46		CWC1:1	ppm	---	(24)
Housatonic River Basin								
Housatonic River	Canaan, Conn.	582	5/46-9/46	5	CWC1:1	ppm	---	(24)
Housatonic River	Falls Village, Conn.	632[b]	1/30-5/38	97	CWC1:1	ppm	---	(24)
Housatonic River	Gaylordsville, Conn.	994[b]	5/46-9/46	5	CWC1:1	ppm	---	(24)
Housatonic River	Bridgewater, Conn.	1,230	5/46-9/46	5	CWC1:1	ppm	---	(24)
Housatonic River	Sandy Hook, Conn.	1,424	3/30-6/42	147	CWC1:1	ppm	---	(24)
	do.	1,424	5/46-9/46		CWC1:1	ppm	---	(24)
Tenmile River	Webatuck, N. Y.	204	1/30-5/38	98	CWC1:1	ppm	---	(24)
Still River	Lanesville, Conn.	68.5[b]	5/46-9/46	5	CWC1:1	ppm	---	(24)
Shepaug River	Roxbury, Conn.	133[b]	3/31-6/42	129	CWC1:1	ppm	---	(24)
Pomperaug River	Southbury, Conn.	75.3[b]	5/32-6/42	120	CWC1:1	ppm	---	(24)
Naugatuck River	East Litchfield, Conn.	56.7	5/46-9/46	5	CWC1:1	ppm	---	(24)
Naugatuck River	Thomaston, Conn.	71.9[b]	7/30-11/42	147	CWC1:1	ppm	---	(24)
Naugatuck River	Reynolds Bridge, Conn.	109	5/46-9/46	5	CWC1:1	ppm	---	(24)
Naugatuck River	Waterbury, Conn.	210	5/46-9/46	5	CWC1:1	ppm	---	(24)
Naugatuck River	Beacon Falls, Conn.	262	3/30-1/43	155	CWC1:1	ppm	---	(24)
	do.	262	5/46-9/46		CWC1:1	ppm	---	(24)
Naugatuck River	Derby, Conn.	311	5/46-9/46	5	CWC1:1	ppm	---	(24)
Leadmine Brook	Thomaston, Conn.	24.0[b]	8/30-4/38	82	CWC1:1	ppm	---	(24)
Saugatuck River Basin								
Saugatuck River	Westport, Conn.	77.5[b]	7/32-4/38	66	CWC1:1	ppm	---	(24)
Aspetuck River	Westport, Conn.	21.1	1/33-4/38	57	CWC1:1	ppm	---	(24)
Norwalk River Basin								
Norwalk River	Cannondale, Conn.	18	5/46-9/46	5	CWC1:1	ppm	---	(24)
Five Mile River Basin								
Five Mile River	New Canaan, Conn.	3	5/46-9/46	5	CWC1:1	ppm	---	(24)
Noroton River Basin								
Noroton River	Glenbrook, Conn.	11	5/46-9/46	5	CWC1:1	ppm	---	(24)
Byram River Basin								
Byram River	Glenville, Conn.	25	5/46-9/46	5	CWC1:1	ppm	---	(24)

1/ Upper and lower end of 31 bars from mouth of river to Hartford, Conn.
2/ At 5 bridges from mouth of river to Springfield, Mass.

NORTH ATLANTIC SLOPE BASINS

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Hudson River Basin								
Hudson River	Hudson, N.Y.	9,530	9/17/06-9/22/07	36	Bl:ls	ppm	---	(26)
New York Harbor	Sandy Hook, N.J.	---	1854-57	3/	B	gr./30cu.in	---	(52)
New York Harbor	Narrows, N.Y.	---	1854-57	3/	B	gr./30cu.in	---	(52)
New York Harbor	Robbins Reef, N.Y.	---	1854-57	3/	B	gr./30cu.in	---	(52)
New York Harbor	Ellis Island, N.J.	---	1854-57	3/	B	gr./30cu.in	---	(52)
New York Harbor	Battery, N.Y.C.	---	1854-57	3/	B	gr./30cu.in	---	(52)
New York Harbor	Liberty St., N.Y.C.	---	1854-57	3/	B	gr./30cu.in	---	(52)
New York Harbor	Canal St., N.Y.C.	---	1854-57	3/	B	gr./30cu.in	---	(52)
New York Harbor	30th St.West, N.Y.C.	---	1854-57	3/	B	gr./30cu.in	---	(52)
New York Harbor	Manhattanville, N.Y.C.	---	1854-57	3/	B	gr./30cu.in	---	(52)
New York Harbor	Harlem Bridge, N.Y.C.	---	1854-57	3/	B	gr./30cu.in	---	(52)
New York Harbor	Hell Gate, N.Y.C.	---	1854-57	3/	B	gr./30cu.in	---	(52)
New York Harbor	30th St.East, N.Y.C.	---	1854-57	3/	B	gr./30cu.in	---	(52)
New York Harbor	23rd St.East, N.Y.C.	---	1854-57	3/	B	gr./30cu.in	---	(52)
New York Harbor	Grand St., N.Y.C.	---	1854-57	3/	B	gr./30cu.in	---	(52)
New York Harbor	Wall St., N.Y.C.	---	1854-57	3/	B	gr./30cu.in	---	(52)
New York Harbor	Broad St., N.Y.C.	---	1854-57	3/	B	gr./30cu.in	---	(52)
Passaic River Basin								
Passaic River	Millington, N.J.	55.4[b]	4/8/24-8/11/24	2	Bl:l	ppm	---	(20)
Ramapo River	Mahwah, N. J.	118[b]	8/11/24-12/4/24	2	Bl:lv	ppm	---	(20)
Elizabeth River Basin								
Elizabeth River	Elizabeth, N. J.	18.0[b]	5/8/24	2	Bl:l	ppm	---	(20)
Raritan River Basin								
S. Br. Raritan River	Stanton, N.J.	147[b]	7/16/24-3/24/25	2	Bl:l	ppm	---	(20)
Raritan River	Boundbrook, N.J.	800	9/10/06-9/12/07	35	Bl:ls	ppm	---	(26)
N. Br. Raritan River	Far Hills, N.J.	26.2[b]	7/16/24-8/13/24	2	Bl:l	ppm	---	(20)
N. Br. Raritan River	Milltown, N. J.	190[b]	8/29/23-3/24/25	4	Bl:l	ppm	---	(20)
Delaware River Basin								
Delaware River	Belvidere, N. J.	4,535[b]	3/25/25-4/10/26	---	Bl:l	ppm	---	(20)
Delaware River	Riegelsville, N. J.	6,328[b]	8/14/24-4/10/26	3	Bl:l	ppm	---	(20)
Delaware River	Lambertville, N. J.	6,860	9/8/06-9/12/07	33	Bl:ls	ppm	---	(26)
Delaware River	Trenton, N. J.	6,796[a]	11/3/38-12/12/40	61	1:lm	ppm	---	(129)
Delaware River	Philadelphia, Pa.	---	10/40-5/42	21	---	---	T/mo.	(129)
Delaware River	Minta Creek, Anchorage, N. J.	---	1931-34	---	---	---	---	(129)
Delaware River	Deepwater, N. J.	---	1931-34	---	---	---	---	(129)
Delaware River	Reedy Point, Del.	---	1931-34	---	---	---	---	(129)
Delaware Bay	Liston Range, Del.	---	1931-34	---	---	---	---	(129)
Paulins Kill	Blairstown, N. J.	126[b]	2/13/25-4/21/35	3	Bl:l	ppm	---	(20)
Lehigh River	Allentown, Pa.	---	8/21/33-8/27/33	7	B3:l	gr./500 cc.	T/dy	(173)
Lehigh River	West Bethlehem, Pa.	---	8/21/33-8/27/33	7	B3:l	gr./500 cc.	T/dy	(173)
Lehigh River	Bethlehem, Pa.	1,280[b]	1/1/27-12/31/27	338	Bl:lv	ppm	T/mo.	(37)
Lehigh River	South Bethlehem, Pa.	---	9/11/06-9/26/07	36	Bl:ls	ppm	---	(26)
Musconetcong River	Hackettstown, N. J.	70.0[b]	5/10/24-8/13/24	2	Bl:l	ppm	---	(20)
Assunpink Creek	Trenton, N. J.	89.4[b]	4/19/24-3/28/25	2	Bl:l	ppm	---	(20)
Schuylkill River	4/	---	---	2,000	---	---	---	(129)
Schuylkill River	Philadelphia, Pa.	1,893[b]	10/40-5/42	---5/	---	ppm	T/mo.	(129)
Christiana River	Newport, Del.	---	4/19/95	12 5/	Bl:lv	ou.in./cu.ft.	---	(169)
Christiana River	At Pulp Works, Wilmington Harbor, Del.	---	4/19/95	12 5/	Bl:lv	ou.in./cu.ft.	---	(169)
Christiana River	3rd St.Bridge, Wilmington Harbor, Del.	---	4/19/95	12 5/	Bl:lv	ou.in./cu.ft.	---	(169)
Christiana River	At mouth, Wilmington Harbor, Del.	---	4/19/95	10 5/	Bl:lv	ou.in./cu.ft.	---	(169)
Christiana River	Wilmington, Del.	---	---	2,000	B 6/	---	---	(129)
Susquehanna River Basin								
Susquehanna River	West Pittston, Pa.	---	10/28/06-10/22/07	33	Bl:ls	ppm	---	(26)
Susquehanna River	Danville, Pa.	11,070[a]	9/10/06-9/11/07	35	Bl:ls	ppm	---	(26)
W.Br. Susquehanna River	Williamsport, Pa.	5,640[a]	9/21/06-10/11/07	36	Bl:ls	ppm	---	(26)
Potomac River Basin								
N. Br. Potomac River	Keyser, W. Va.	---	4/8/40-5/27/40	5	---	ppm	---	(153)
N. Br. Potomac River	Bloomington, Md.	287[b]	4/8/40-5/27/40	5	---	ppm	---	(153)
N. Br. Potomac River	Cumberland, Md.	620[a]	9/11/06-9/14/07	36	Bl:ls	ppm	---	(26)
	....do....	620[a]	4/8/40-5/27/40	6	---	ppm	---	(153)
Potomac River	Point of Rocks, Md.	9,651[b]	4/8/40-4/21/40	4	---	ppm	---	(153)
Potomac River	Great Falls, Md.	---	1886-91	2,000 7/	---	#/wt.	lb./sec.	(2)
	....do....	---	10/30/91-7/19/92	52	Bl:ls	mg/l	---	(92)
Potomac River	At Washington, D.C.	11,560[b]	4/26-30/37	5	---	ppm	T/dy	(83)
Wills Creek	Cumberland, Md.	247[b]	4/4/40-5/27/40	10	---	ppm	---	(153)
Patterson Creek	Burlington, W. Va.	216[b]	4/8/40-5/27/40	4	---	ppm	---	(153)
S. Br. Potomac River	Romney, W. Va.	---	4/8/40-5/27/40	5	---	ppm	---	(153)
Town Creek	Flint Stone, Md.	---	4/9/40-5/27/40	3	---	ppm	---	(153)
Sideling Hill Creek	Bells Grove, Md.	---	4/8/40-5/28/40	5	---	ppm	---	(153)
Cacapon River	Rocky Ford, W. Va.	---	4/8/40-4/9/40	2	---	ppm	---	(153)
Cacapon River	Capon Bridge, W. Va.	---	4/8/40-5/27/40	4	---	ppm	---	(153)
Tonoloway Creek	Hancock, Md.	---	4/20/40-5/27/40	2	---	ppm	---	(153)
Great Tonoloway Creek	Hancock, Md.	---	4/8/40-5/27/40	3	---	ppm	---	(153)
Sleepy Creek	Berkeley Springs, W. Va.	--	4/8/40-5/28/40	4	---	ppm	---	(153)
Licking Creek	Pecktonville, Md.	---	4/8/40-5/27/40	5	---	ppm	---	(153)
Back Creek	Hedgeville, W. Va.	---	4/8/40-5/28/40	4	---	ppm	---	(153)
Conococheague Creek	Fairview, Md.	494[b]	4/8/40-5/27/40	5	---	ppm	---	(153)
Antietam Creek	Sharpsburg, Md.	281[b]	4/8/40-5/27/40	4	---	ppm	---	(153)

3/ Samples taken at half tide, at ebb and flow tide, in dry and wet weather, and different seasons of the year.
4/ Samples taken at 10 locations from headwaters to tidewater for one week at each location.
5/ Hourly sampling.
6/ Bed-load samples also taken.
7/ Fifty-five samples analyzed for sediment concentration.

Part I

NORTH ATLANTIC SLOPE BASINS

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Potomac River Basin (cont'd)								
North River	Burketown, Va.	375[b]	9/4/30-3/31/31	2	Bl:lv	ppm	---	(21)
S. Fk. Shenandoah River	Lynnwood, Va.	1,076[b]	9/14/30-3/31/31	2	Bl:lv	ppm	---	(21)
S. Fk. Shenandoah River	Luray, Va.	1,377[b]	4/1/29-3/31/30	36	Bl:lv	ppm	---	(21)(23)
S. Fk. Shenandoah River	Front Royal, Va.	1,638[b]	9/5/30-4/1/31	2	Bl:lv	ppm	---	(21)
	....do....	1,638[b]	4/8/40-4/19/40	3	---	ppm	---	(153)
Shenandoah River	Bluemont, Va.	---	4/8/40-4/21/40	4	---	ppm	---	(153)
Shenandoah River	Millville, W. Va.	3,000[a]	9/12/06-9/9/07	36	Bl:le	ppm	---	(26)
Middle River	Grottoes, Va.	360[b]	9/4/30-3/31/31	2	Bl:lv	ppm	---	(21)
South River	Waynesboro, Va.	144[b]	9/4/30-3/31/31	2	Bl:lv	ppm	---	(21)
South River	Harriston, Va.	222[b]	9/4/30-3/31/31	2	Bl:lv	ppm	---	(21)
N. Fk. Shenandoah River	Cootes Store, Va.	215[b]	9/5/30-4/1/31	2	Bl:lv	ppm	---	(21)
N. Fk. Shenandoah River	Strasburg, Va.	772[b]	4/1/29-3/31/30	36	Bl:lv	ppm	---	(21)(23)
	....do....	772[b]	4/8/40-4/19/40	3	---	ppm	---	(153)
Catoctin Creek	Brunswick, Md.	---	4/8/40-5/27/40	4	---	ppm	---	(153)
Monocacy River	Dickerson, Md.	---	1/15/40-4/19/40	4	---	ppm	---	(153)
Goose Creek	Leesburg, Va.	338[b]	9/21/30-4/9/31	2	Bl:lv	ppm	---	(21)
	....do....	338[b]	1/15/40-4/19/40	4	---	ppm	---	(153)
Rock Creek	Washington, D.C.	---	8/26/37-8/30/37	6	Bl:ls	ppm	T/dy.	(153)
	....do....	---	1/7/38-1/12/38	6	Bl:le	ppm	T/dy.	(153)
Watershed W-V	Beltsville, Md.	0.0064	11/8/43-8/20/47	12	Bl:ldi	g/l	T/ac.	(153)
Watershed W-X	Beltsville, Md.	0.0048	11/8/43-8/20/47	12	Bl:ldi	g/l	T/ac.	(153)
Watershed W-I	Beltsville, Md.	0.013	5/22/42-7/11/47	16	Bl:ldi	g/l	T/ac.	(153)
Watershed W-II	Beltsville, Md.	0.012	11/8/43-6/14/47	13	Bl:ldi	g/l	T/ac.	(153)
Watershed W-III	Beltsville, Md.	0.0095	5/22/42-7/22/45	11	Bl:ldi	g/l	T/ac.	(153)
Watershed W-IV	Beltsville, Md.	0.0096	8/28/43-7/22/45	8	Bl:ldi	g/l	T/ac.	(153)
Northwest Branch	College Park, Md.	---	7/27/45-5/22/47	3	Bl:le	g/l	---	(153)
	....do....	---	7/27/45-5/22/47	2	Bl:ls	g/l	---	(153)
Occoquan Creek	Occoquan, Va.	546[b]	9/27/30-4/9/31	2	Bl:lv	ppm	---	(21)
	....do....	546[b]	10/1/45-9/30/46	30	Bl:lv	ppm	---	(160)
Rappahannock River Basin								
Rappahannock River	Kellys Ford, Va.	641[b]	9/5/30-4/9/31	2	Bl:lv	ppm	---	(21)
	....do....	641[b]	10/1/45-9/30/46	33	Bl:lv	ppm	---	(160)
Rappahannock River	Fredericksburg, Va.	1,599[b]	4/1/29-3/31/30	36	Bl:lv	ppm	---	(21)(23)
Rapidan River	Rapidan, Va.	446[b]	9/5/30-4/9/31	2	Bl:lv	ppm	---	(21)
Rapidan River	Culpeper, Va.	465	10/1/45-9/30/46	33	Bl:lv	ppm	---	(160)
York River Basin								
North Anna River	Doswell, Va.	439[b]	4/1/29-3/31/30	36	Bl:lv	ppm	---	(21)(23)
Pamunkey River	Hanover, Va.	1,072[b]	10/1/45-9/30/46	36	Bl:lv	ppm	---	(160)
South Anna River	Ventay, Va.	332[b]	4/1/29-3/31/30	36	Bl:lv	ppm	---	(21)(23)
Mattaponi River	Bowling Green, Va.	251[b]	10/1/45-9/30/46	35	Bl:lv	ppm	---	(160)
Mattaponi River	Beulahville, Va.	619	10/1/45-9/30/46	34	Bl:lv	ppm	---	(160)

Part 2

SOUTH ATLANTIC SLOPE AND EASTERN GULF OF MEXICO BASINS

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
James River Basin								
Jackson River	Falling Spring, Va.	409[b]	4/1/29-3/31/30	36	Bl:lv	ppm	---	(21)(23)
James River	Lick Run, Va.	1,369[b]	9/8/30-4/2/31	2	Bl:lv	ppm	---	(21)
James River	Buchanan, Va.	2,084[b]	4/1/29-3/31/30	36	Bl:lv	ppm	---	(21)(23)
James River	Salt Creek, Va.	3,250	4/1/30-3/31/31	36	Bl:lv	ppm	---	(21)
James River	Bent Creek, Va.	3,671[b]	9/12/30-3/29/31	2	Bl:lv	ppm	---	(21)
James River	Scottsville, Va.	4,571[b]	4/1/30-3/31/31	36	Bl:lv	ppm	---	(21)
James River	Cartersville, Va.	6,242[b]	4/1/29-3/31/30	36	Bl:lv	ppm	---	(21)(23)
James River	Richmond, Va.	6,757[b]	9/10/06-9/9/07	36	Bl:le	ppm	---	(26)
Dunlap Creek	Covington, Va.	166[b]	9/8/30-3/31/31	2	Bl:lv	ppm	---	(21)
Potts Creek	Covington, Va.	158[b]	9/8/30-3/31/31	2	Bl:lv	ppm	---	(21)
Cowpasture River	Clifton Forge, Va.	456[b]	4/1/29-3/31/30	36	Bl:lv	ppm	---	(21)(23)
Craig Creek	Parr, Va.	331[b]	4/1/29-3/31/30	36	Bl:lv	ppm	---	(21)(23)
Johns Creek	Newcastle, Va.	106[b]	9/8/30-4/4/41	2	Bl:lv	ppm	---	(21)
Catawba Creek	Fincastle, Va.	104[b]	9/8/30-4/2/31	2	Bl:lv	ppm	---	(21)
Maury River	Rockbridge Bathe, Va.	329[b]	9/9/30-4/3/31	2	Bl:lv	ppm	---	(21)
Maury River	Lexington, Va.	487	4/1/29-3/31/30	36	Bl:lv	ppm	---	(21)(23)
Kerrs Creek	Lexington, Va.	34	9/9/30-4/2/31	2	Bl:lv	ppm	---	(21)
Pedlar River	Holcombe Rock, Va.	---	9/20/30-3/30/31	2	Bl:lv	ppm	---	(21)
Tye River	Roseland, Va.	68	9/4/30-3/30/31	2	Bl:lv	ppm	---	(21)
Rockfish River	Lovingston, Va.	---	9/8/30-3/30/31	2	Bl:lv	ppm	---	(21)
Hardware River	Scottsville, Va.	104	9/11/30-3/29/31	2	Bl:lv	ppm	---	(21)
Slate River	Arvonia, Va.	235[b]	9/11/30-3/29/31	2	Bl:lv	ppm	---	(21)
Rivanna River	Charlottesville, Va.	507	4/1/29-3/31/30	36	Bl:lv	ppm	---	(21)(23)
Willie River	Flanagan Mills, Va.	247[b]	9/11/30-3/29/31	2	Bl:lv	ppm	---	(21)
Falling Creek	Drewrys Bluff, Va.	54[b]	10/1/45-9/30/46	36	Bl:lv	ppm	---	(160)
Appomattox River	Farmville, Va.	306[b]	9/11/30-4/8/31	2	Bl:lv	ppm	---	(21)
Appomattox River	Mattoax, Va.	729[b]	9/11/30-4/8/31	2	Bl:lv	ppm	---	(21)
Appomattox River	Petersburg, Va.	1,335[b]	4/1/29-3/31/30	36	Bl:lv	ppm	---	(21)(23)
Chowan River Basin								
Nottoway River	Stony Creek	586[b]	4/1/30-3/31/31	36	Bl:lv	ppm	---	(21)
Blackwater River	Burdette, Va.	576[b]	9/12/30-4/9/31	2	Bl:lv	ppm	---	(21)
Meherrin River	Lawrenceville, Va.	553[b]	4/1/30-3/31/31	36	Bl:lv	ppm	---	(21)
Roanoke River Basin								
Roanoke River	Roanoke, Va.	388[b]	4/1/29-3/31/30	36	Bl:lv	ppm	---	(21)(23)
Roanoke River	Toshee, Va.	1,020[b]	9/8/30-4/14/31	2	Bl:lv	ppm	---	(21)
Roanoke River	Gretna, Va.	1,430[b]	9/8/30-4/2/31	2	Bl:lv	ppm	---	(21)
Roanoke River	Altavista, Va.	1,802[b]	9/9/30-4/2/31	2	Bl:lv	ppm	---	(21)
Roanoke River	Brookneal, Va.	2,420[b]	9/4/30-4/1/31	2	Bl:lv	ppm	---	(21)
Roanoke River	Randolph, Va.	3,010[b]	9/7/06-5/12/07	20	Bl:le	ppm	---	(26)
	.....do.....	3,010[b]	4/1/29-3/31/30	36	Bl:lv	ppm	---	(21)(23)
Roanoke River	Clover, Va.	3,230[b]	9/13/30-4/7/31	2	Bl:lv	ppm	---	(21)
Roanoke River	Weldon, N. C.	8,445	1/27-12/32	72	---	---	ac.-ft./mo.	(111)
Roanoke River	Near Scotland Neck, N. C.	8,700[b]	10/1/44-9/30/45	33	Bl:ldi	ppm	---	(159)
Blackwater River	Union Hall, Va.	208[b]	4/1/30-3/9/31	36	Bl:lv	ppm	---	(21)
Pigg River	Toshee, Va.	394[b]	9/8/30-4/2/31	2	Bl:lv	ppm	---	(21)
Otter River	Altavista, Va.	372[b]	4/1/30-3/31/31	36	Bl:lv	ppm	---	(21)
Falling River	Naruna, Va.	172[b]	4/1/30-3/31/31	26	Bl:lv	ppm	---	(21)
Dan River	Leaksville, N. C.	1,150[b]	11/1/44-10/31/45	36	Bl:ldi	ppm	---	(159)
Dan River	South Boston, Va.	2,730[b]	9/3/06-3/2/07	21	Bl:le	ppm	---	(26)
	.....do.....	2,730[b]	4/1/29-3/31/30	36	Bl:lv	ppm	---	(21)(23)
North Mayo River	Spencer, Va.	108[b]	9/14/30-4/2/31	2	Bl:lv	ppm	---	(21)
Smith River	Martinsville, Va.	374[b]	4/1/30-3/31/31	36	Bl:lv	ppm	---	(21)
Leatherwood Creek	Old Liberty, Va.	68	9/15/30-4/2/31	2	Bl:lv	ppm	---	(21)
Sandy River	Danville, Va.	113[b]	4/1/30-3/31/31	36	Bl:lv	ppm	---	(21)
Banister River	Halifax, Va.	552[b]	9/4/30-4/1/31	2	Bl:lv	ppm	---	(21)
Hyco River	Dennieton, Va.	219[b]	9/5/30-4/1/31	2	Bl:lv	ppm	---	(21)
Pamlico River Basin								
Tar River	Tarboro, N. C.	2,100[b]	10/1/44-9/30/45	35	Bl:ldi	ppm	---	(159)
Neuse River Basin								
Neuse River	Raleigh, N.C.	1,000[b]	10/1/06-10/1/07	36	Bl:le	ppm	---	(26)
Neuse River	Near Clayton, N. C.	1,140[b]	10/1/43-9/30/44	36	Bl:ldi	ppm	---	(158)
Cape Fear River Basin								
Cape Fear River	Lillington, N. C.	3,440[b]	11/1/44-10/31/45	36	Bl:ldi	ppm	---	(159)
Cape Fear River	Wilmington, N. C.	9,030	10/2/06-10/9/07	30	Bl:ls	ppm	---	(26)
Horse Pen Creek	At Battleground, N. C.	15.9[b]	5/34-6/35	1/	Dih3:ldi	ppm	T/dy.	(39)
	.....do.....	15.9[b]	1/37-6/38	1/	Dih3:ldi	ppm	T/dy.	(39)
W. Fk. Deep River	Near High Point, N. C.	32.1[b]	2/34-9/40	1/	Dih3:ldi	ppm	T/dy.	(39)(98)
Deep River	Near Randleman, N. C.	124[b]	2/34-6/36	1/	Dih3:ldi	ppm	T/dy.	(39)
Deep River	Monoure, N. C.	1,410	10/1/43-9/30/44	36	---	ppm	---	(158)
E. Fk. Deep River	Near High Point, N. C.	14.2[b]	4/34-6/38	1/	Dih3:ldi	ppm	T/dy.	(39)
Muddy Creek	Near Archdale, N. C.	14.2	1934-42	---	---	---	---	(163)
	.....do.....	14.2	5/34-9/36	1/	Dih3:ldi	ppm	T/dy.	(39)(98)
	.....do.....	14.2	2/37-9/40	1/	Dih3:ldi	ppm	T/dy.	(39)(98)
Pee Dee River Basin								
Yadkin River	Yadkin College, N. C.	2,280[b]	10/1/43-9/30/44	36	Bl:ldi	ppm	---	(158)
Pee Dee River	Pee Dee, N. C.	6,100	10/26/06-10/19/07	24	Bl:le	ppm	---	(26)
Uwharrie River	Near Trinity, N. C.	11.3	5/34-9/36	1/	Dih3:ldi	ppm	T/dy.	(39)(98)
	.....do.....	11.3	7/38-9/40	1/	Dih3:ldi	ppm	T/dy.	(39)(98)
Lynches River	Near Bishopville, S. C.	675[b]	10/1/45-9/30/46	36	Bl:ldi	ppm	---	(160)
Santee River Basin								
Catawba River	Near Marion, N. C.	171[b]	10/1/45-9/30/46	36	Bl:ldi	ppm	---	(160)
Catawba River	Catawba, N. C.	1,535[b]	10/1/45-9/30/46	36	Bl:ldi	ppm	---	(160)
Wateree River	Camden, S. C.	5,070[b]	10/21/06-10/25/07	34	Bl:ls	ppm	---	(26)
Broad River	Near Boiling Springs, N. C.	864[b]	10/1/45-9/30/46	36	Bl:ldi	ppm	---	(160)
Watershed W23	Statesville, N. C.	0.0094	1/8/33-7/1/38	2/	R	%/yr.	T/ac.	(51)
Watershed C8	Statesville, N. C.	0.0080	1/8/33-7/1/38	2/	R	%/yr.	T/ac.	(51)

1/ Minimum of 1 per day with 2 to 10 per day during changing stages.
2/ Composite sampling of all runoff.

Part 2

SOUTH ATLANTIC SLOPE AND EASTERN GULF OF MEXICO BASINS

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Santee River Basin (cont'd)								
North Tyger River	Near Moore, S. C.	162[b]	4/34-6/38	1/	Div3:ldi	ppm	T/dy.	(43)
Tyger River	Near Woodruff, S. C.	351[b]	2/34-6/36	1/	Div3:ldi	ppm	T/dy.	(43)
South Tyger River	Near Reidville, S. C.	106[b]	4/34-6/38	1/	Div3:ldi	ppm	T/dy.	(43)
South Tyger River	Near Woodruff, S. C.	174[b]	4/34-6/38	1/	Div3:ldi	ppm	T/dy.	(43)
Enoree River	Near Pelham, S. C.	64.4	1/5/39-6/30/43	1,780	3/	ppm	T/dy.	(153)
Saluda River	Columbia, S. C.	2,510[b]	10/27/06-5/3/07	16	Bl:ls	ppm	---	(26)
Savannah River Basin								
Savannah River	Augusta, Ga.	7,240[a]	10/25/06-10/22/07	34	Bl:ls	ppm	---	(26)
Savannah River	Near Clyo, Ga.	9,850[b]	10/20/32-9/27/33	Daily	B	%/wt.	---	(137)
	.....do.....	9,850[b]	10/20/32-9/27/33	Daily	B	%/wt.	---	(137)
	.....do.....	9,850[b]	5/1/38-4/30/39	36	Bl:ldi	ppm	---	(80)
Savannah Harbor	Near Savannah, Ga.	---	3/16/31-11/26/33	4/	B	%/wt.	---	(137)
Ogeechee River Basin								
Ogeechee River	Near Eden, Ga.	2,650[b]	5/1/37-4/30/38	36	Bl:ldi	ppm	---	(80)
Altamaha River Basin								
Ocmulgee River	Macon, Ga.	2,240[b]	10/19/06-10/21/07	33	Bl:le	ppm	---	(26)
	.....do.....	2,240[b]	5/1/37-4/30/38	36	Bl:ldi	ppm	---	(80)
Ocmulgee River	Lumber City, Ga.	5,180[b]	10/1/45-9/30/46	30	Bl:ldi	ppm	---	(160)
Altamaha River	Doctortown, Ga.	13,600[b]	5/1/37-4/30/38	36	Bl:ldi	ppm	---	(80)
Oconee River	Milledgeville, Ga.	2,950[b]	5/1/37-4/30/38	36	Bl:ldi	ppm	---	(80)
Oconee River	Dublin, Ga.	4,400[b]	10/18/06-10/17/07	31	Bl:le	ppm	---	(26)
Satilla River Basin								
Satilla River	Near Waycross, Ga.	1,300[b]	5/1/37-4/30/38	36	Bl:ldi	ppm	---	(80)
Apalachicola River Basin								
Chattahoochee River	Near Vinings, Ga.	1,450[b]	5/1/37-4/30/38	36	Bl:ldi	ppm	---	(80)
Chattahoochee River	West Point, Ga.	3,550[b]	10/20/06-10/18/07	34	Bl:ls	ppm	---	(26)
Chattahoochee River	Columbus, Ga.	4,670[b]	10/1/40-9/30/41	36	Bl:ldi	ppm	---	(80)
Chattahoochee River	Columbia, Ala. (Near Hilton, Ga.)	8,040[b]	10/1/40-9/30/41	36	Bl:ldi	ppm	---	(80)
Flint River	Montezuma, Ga.	2,900[b]	10/1/43-9/30/44	36	Bl:ldi	ppm	---	(158)
Flint River	Albany, Ga.	5,230[b]	10/23/06-5/12/07	19	Bl:ls	ppm	---	(26)
Flint River	Bainbridge, Ga.	7,350[b]	10/1/41-9/30/42	36	Bl:ldi	ppm	---	(22)
Ichawaynochaway Creek	Newton, Ga.	1,000[b]	10/1/44-9/30/45	36	Bl:ldi	ppm	---	(159)
Mobile River Basin								
Coosawhatchie River	Rome, Ga.	---	10/21/06-10/28/07	31	Bl:ls	ppm	---	(26)
Coosawhatchie River	Rome, Ga.	1,810[b]	10/1/41-9/30/42	36	Bl:ldi	ppm	---	(22)
Alabama River	Selma, Ala.	17,100[b]	11/5/06-10/17/07	33	Bl:ls	ppm	---	(26)
Conasauga River	Tilton, Ga.	682[b]	10/1/42-9/30/43	36	Bl:ldi	ppm	---	(58)
Etowah River	Near Cartersville, Ga.	1,110[b]	10/1/38-9/30/39	36	Bl:ldi	ppm	---	(80)
Cahaba River	Birmingham, Ala.	---	11/1/06-11/1/07	30	Bl:le	ppm	---	(26)
Tombigbee River	Epes, Ala.	8,970[b]	10/24/06-10/24/07	33	Bl:ls	ppm	---	(26)
Pearl River Basin								
Pearl River	Jackson, Miss.	3,100[b]	10/16/06-10/19/07	32	Bl:ls	ppm	---	(26)

1/ Minimum of 1 per day with 2 to 10 per day during changing stages.
3/ Different types of samplers used, including Anderson-Einstein, and continuous pumping of samples.
4/ Samples taken on various phases of the moon and stages of tide.

OHIO RIVER BASIN

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Ohio River Main Stem								
Allegheny River	Kittanning, Pa.	8,973[b]	9/13/06-9/10/07	35	Bl:ls	ppm	---	(26)
Allegheny River	Lock 4, Natrona, Pa.	11,410[b]	6/30/42-4/16/46	9	ORD3:10v	ppm	lb./sec.	(130)
	....do....	11,410	6/30/42-4/16/46	6	ORD3:2v	ppm	lb./sec.	(130)
Ohio River	Sewickley, Pa.	19,500[b]	7/2/42-7/17/46	9	ORD3:10v	ppm	lb./sec.	(130)
	....do....	19,500[b]	7/2/42-7/17/46	10	ORD3:2v	ppm	lb./sec.	(130)
Ohio River	Bellaire, Pa.	25,170[b]	7/3/42-5/1/45	5	ORD3:10v	ppm	lb./sec.	(130)
	....do....	25,170[b]	7/3/42-5/1/45	5	ORD3:2v	ppm	lb./sec.	(130)
Ohio River	Huntington, W. Va.	55,900[b]	6/20/42-3/9/45	5	ORD3:10v	ppm	---	(121)
Ohio River	Cincinnati, Ohio.	76,580[b]	11/25/42-3/11/44	3	ORD3:10v	ppm	lb./sec.	(124)
	....do....	76,580[b]	3/9/45	1	ORD3:2v	ppm	lb./sec.	(124)
	....do....	76,580[b]	3/10/45-3/16/45	6	ORD1:10v	ppm	lb./sec.	(124)
Ohio River	Evansville, Ind.	107,000[b]	5/26/43	1	ORD3:10v	ppm	lb./sec.	(124)
	....do....	107,000[b]	5/27/43-5/29/43	3	ORD6:2v	ppm	lb./sec.	(124)
Ohio River	Paducah, Ky.	202,600[b]	12/16/78-12/30/79	76	HAk2:2v	ppm	lb./sec.	(141)
Ohio River	Metropolis, Ill.	203,000[b]	4/18/29-5/31/29	9	MRC8:3v	ppm	lb./sec.	(141)
	....do....	203,000[b]	6/27/42-8/9/42	2	ORD3:10v	ppm	lb./sec.	(124)
	....do....	203,000[b]	1/21/43-5/27/43	6	ORD3:10v	ppm	lb./sec.	(124)
	....do....	203,000[b]	5/5/43-4/5/44	21	---	lb./cu.ft.	lb./sec.	(124)
	....do....	203,000[b]	5/28/43-6/10/43	5	ORD6:2v	ppm	lb./sec.	(124)
	....do....	203,000[b]	2/21/44-4/5/44	11	ORD3:10v	ppm	lb./sec.	(124)
	....do....	203,000[b]	1/10/46-2/19/46	3	ORD3:10v	ppm	lb./sec.	(124)
Ohio River	Mound City, Ill.	203,600	11/17/30-2/27/31	66	UA3:3v	ppm	lb./sec.	(142)
	....do....	203,600	1/25/32-4/22/32	59	MRC8:3v	ppm	lb./sec.	(145)
Monongahela River Basin								
Monongahela River	Elizabeth, Pa.	5,580	8/25/06-9/2/07	37	Bl:ls	ppm	---	(26)
Monongahela River	Lock No. 2 at Braddock,Pa.	7,337[b]	9/28/42-4/29/46	7	ORD3:10v	ppm	lb./sec.	(130)
	....do....	7,337[b]	9/28/42-4/29/46	7	ORD3:2v	ppm	lb./sec.	(130)
Youghiogheny River	Mckeesport, Pa.	1,770	9/6/06-9/6/07	34	Bl:ls	ppm	---	(26)
Muskingum River Basin								
Muskingum River	Zanesville, Ohio.	5,830[a]	9/3/06-9/10/07	27	Bl:ls	ppm	---	(26)
	....do....	6,844	---	---	---	---	---	(121)
Watershed 131	Coshocton, Ohio.	0.0035	1/1/39-9/30/46	1/	R	%/wt.	T/ac.	(149)(153)
Watershed 134	Coshocton, Ohio.	0.0014	1/1/39-9/30/46	1/	R	%/wt.	T/ac.	(149)(153)
Watershed 135	Coshocton, Ohio.	0.0042	1/1/39-9/30/46	1/	R	%/wt.	T/ac.	(149)(153)
Watershed 129	Coshocton, Ohio.	0.0039	1/1/39-9/30/46	1/	R	%/wt.	T/ac.	(149)(153)
Watershed 130	Coshocton, Ohio.	0.0025	1/1/39-9/30/46	1/	R	%/wt.	T/ac.	(149)(153)
Watershed 103	Coshocton, Ohio.	0.0010	6/8/39-9/30/46	1/	R	%/wt.	T/ac.	(149)(153)
Watershed 121	Coshocton, Ohio.	0.0022	9/1/44-9/30/46	1/	Po	%/wt.	T/ac.	(153)
Watershed 185	Coshocton, Ohio.	0.011	9/1/46-9/30/46	1/	Po	%/wt.	T/ac.	(153)
Watershed 107	Coshocton, Ohio.	0.0040	1/1/39-12/31/44	1/	R	%/wt.	T/ac.	(149)(153)
Watershed 188	Coshocton, Ohio.	0.0032	9/1/39-9/30/46	1/	R	%/wt.	T/ac.	(149)(153)
Watershed 102	Coshocton, Ohio.	0.0020	1/1/39-9/30/46	1/	R	%/wt.	T/ac.	(149)(153)
Watershed 104	Coshocton, Ohio.	0.0021	1/1/39-9/30/46	1/	R	%/wt.	T/ac.	(149)(153)
Watershed 123	Coshocton, Ohio.	0.0021	1/1/39-9/30/46	1/	R	%/wt.	T/ac.	(149)(153)
Watershed 109	Coshocton, Ohio.	0.0026	1/1/39-9/30/46	1/	R	%/wt.	T/ac.	(149)(153)
Watershed 115	Coshocton, Ohio.	0.0025	9/1/39-9/30/46	1/	R	%/wt.	T/ac.	(149)(153)
Watershed 111	Coshocton, Ohio.	0.0018	9/1/45-9/30/46	1/	Po	%/wt.	T/ac.	(153)
Watershed 128	Coshocton, Ohio.	0.0035	9/1/39-9/30/46	1/	R	%/wt.	T/ac.	(149)(153)
Watershed 106	Coshocton, Ohio.	0.0024	1/1/44-9/30/46	1/	Po	%/wt.	T/ac.	(153)
Watershed 110	Coshocton, Ohio.	0.0020	9/1/39-9/30/46	1/	R	%/wt.	T/ac.	(149)(153)
Seneca Fork	Senecaville, Ohio.	121[b]	3/2/40-1/29/42	391	Bl:l	lb./cu.ft.	---	(153)
Pasture Watershed	Zanesville, Ohio.	0.0056	1/4/34-3/31/46	1/	R	%/wt.	T/ac.	(13)(153)
Wooded Watershed	Zanesville, Ohio.	0.0035	1/4/34-3/31/46	1/	R	%/wt.	T/ac.	(13)(153)
Cultivated Watershed	Zanesville, Ohio.	0.0040	1/4/34-3/31/46	1/	R	%/wt.	T/ac.	(13)(153)
Kanawha River Basin								
New River	Galax, Va.	1,131[b]	4/1/30-3/31/31	36	Bl:lv	ppm	---	(21)
New River	Ivanhoe, Va.	1,340	9/21/30-4/2/31	2	Bl:lv	ppm	---	(21)
New River	Allisonia, Va.	2,202[b]	9/21/30-4/3/31	2	Bl:lv	ppm	---	(21)
New River	Eggleston, Va.	2,941[b]	9/21/30-4/14/31	2	Bl:lv	ppm	---	(21)
New River	Glenlyn, Va.	3,768[b]	4/1/30-3/31/31	36	Bl:lv	ppm	---	(21)
Kanawha River	Charleston, W. Va.	10,420[b]	7/31/42-8/30/43	3	ORD3:10v	ppm	---	(121)
Cripple Creek	Ivanhoe, Va.	148[b]	9/21/30-4/2/31	2	Bl:lv	ppm	---	(21)
Reed Creek	Grahams Forge, Va.	247[b]	4/1/30-3/31/31	36	Bl:lv	ppm	---	(21)
Big Reed Island Creek	Allisonia, Va.	278[b]	9/21/30-4/3/31	2	Bl:lv	ppm	---	(21)
Little Reed Island Creek	Allisonia, Va.	---	9/21/30-4/3/31	2	Bl:lv	ppm	---	(21)
Peak Creek	Pulaski, Va.	68[b]	9/21/30-4/3/31	2	Bl:lv	ppm	---	(21)
Little River	Graysonton, Va.	300[b]	4/1/30-3/31/31	36	Bl:lv	ppm	---	(21)
Walker Creek	Staffordsville, Va.	277[b]	9/21/30-4/14/31	2	Bl:lv	ppm	---	(21)
Wolf Creek	Narrows, Va.	223[b]	9/21/30-4/14/31	2	Bl:lv	ppm	---	(21)
Big Sandy River Basin								
Big Sandy River	Louisa, Ky.	3,870[b]	8/7/42-6/15/43	2	ORD4:10	ppm	lb./cu.ft.	(121)
Russell Fork	Haysi, Va.	286[b]	9/12/30-4/8/31	2	Bl:lv	ppm	---	(21)
Pound River	Haysi, Va.	212[b]	9/12/30-4/8/31	2	Bl:lv	ppm	---	(21)
Mill Creek Basin								
Sharon Creek	Sharon Woods Reservoir, near Sharonville, Ohio.	1.91	11/26/40	2	B3-6:3smb	ppm	lb./sec.	(124)
	....do....	1.91	6/11/41-9/5/41	4	B5-6:3-4v	ppm	lb./sec.	(124)
Miami River Basin								
Miami River	Dayton, Ohio.	2,513[b]	9/16/06-9/17/07	34	Bl:le	ppm	---	(26)
Kentucky River Basin								
Kentucky River	Frankfort, Ky.	5,430[b]	8/28/06-9/4/07	36	Bl:ls	ppm	---	(26)
Green River Basin								
Green River	Lock No. 4, Woodbury, Ky.	5,410[b]	2/5/44-4/18/44	4	ORD3:10v	ppm	lb./sec.	(124)
	....do....	5,410[b]	4/24/46	1	ORD3:10v	ppm	lb./sec.	(124)
Wabash River Basin								
Wabash River	Logansport, Ind.	3,760[b]	9/9/06-9/9/07	33	Bl:ls	ppm	---	(26)
Wabash River	Terre Haute, Ind.	12,200[b]	3/20/31-5/15/31	4	3-7:1-7v 2/	ppm	lb./sec.	(50)
	....do....	12,200[b]	1/19/44-7/3/44	8	ORD3:10v	ppm	lb./sec.	(124)

1/ Composite sampling of all runoff.
2/ Pitcher pump sampler.

OHIO RIVER BASIN

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Wabash River Basin (cont'd)								
Wabash River	3/	---	3/27/31	2	1:1v 2/	ppm	---	(50)
Wabash River	Vincennes, Ind.	13,700[b]	9/9/06-9/16/07	31	Bl:1e	ppm	---	(26)
Wabash River	New Harmony, Ind.	29,160[b]	5/26/43-5/28/43	2	ORD11:1-10v	ppm	lb./sec.	(124)
	do.	29,160[b]	5/31/43-6/3/43	3	ORD20-21:1-10v	ppm	lb./sec.	(124)
	do.	29,160[b]	6/4/43	1	ORD8:2v	ppm	lb./sec.	(124)
Vermilion River	Danville, Ill.	1,280[b]	8/2/06-7/31/07	34	Bl:1e	ppm	---	(18)
Embarrese River	Charleston, Ill.	----	8/1/06-7/31/07	35	Bl:1e	ppm	---	(18)
Embarrase River	Lawrenceville, Ill.	2,260[b]	8/1/06-7/31/07	30	Bl:1e	ppm	---	(18)
W. Fk. White River	Indianapolis, Ind.	1,620[b]	9/8/06-9/12/07	30	Bl:1e	ppm	---	(26)
W. Fk. White River	Newberry, Ind.	4,690[b]	4/13/44-4/17/44	3	ORD3:2v	ppm	lb./sec.	(124)
W. Fk. White River	4/	---	2/2/31-2/6/31	5	1:1v 2/	ppm	---	(50)
White River	5/	---	3/11/31-3/26/31	12	1:1v 2/	ppm	---	(50)
E. Fk. White River	Azalia, Ind.	2,100	9/12/06-10/3/07	36	Bl:1e	ppm	---	(26)
E. Fk. White River	6/	---	2/6/31-3/5/31	18	1:1v 2/	ppm	---	(50)
E. Fk. White River	Shoals, Ind.	4,940[b]	---	---	---	---	---	(124)
	do.	4,940[b]	3/10/44	1	ORD3:10v	ppm	lb./sec.	(124)
	do.	4,940[b]	4/12/44-4/17/44	4	ORD3:2v	ppm	lb./sec.	(124)
	do.	4,940[b]	3/1/45-3/4/45	2	ORD3:3v	ppm	lb./sec.	(124)
Little Wabash River	Carmi, Ill.	3,09[illegible]	8/1/06-7/31/07	29	Bl:1e	ppm	---	(18)
Cumberland River Basin								
Cumberland River	Carthage, Tenn.	10,700[b]	2/20/45-5/3/46	4	SP3:2v	ppm	lb./sec.	(125)
Cumberland River	Nashville, Tenn.	12,860[b]	10/24/06-11/3/07	35	Bl:1e	ppm	---	(26)
	do.	12,860[a]	1/1/30-	7/	---	ppm	---	(91)
	do.	12,860[b]	2/16/45-11/15/45	4	SP3:2v	ppm	lb./sec.	(125)
Cumberland River	Clarksville, Tenn.	16,000[b]	---	---	---	---	---	(125)
Cumberland River	Kuttawa, Ky.	17,700[a]	1/11/07-1/11/08	34	Bl:1e	ppm	---	(26)
Harpeth River	Kingston Springs, Tenn.	687[b]	---	---	---	---	---	(125)
Tennessee River Basin								
French Broad River	Rosman, N. C.	67.9[b]	10/1/45-9/30/46	36	---	ppm	Bl:1di	(160)
French Broad River	Skyland, N. C.	676[b]	3/35-12/37	442	TVA 8/	ppm	T/dy.	(104)
French Broad River	Asheville, N. C.	945[b]	10/34-3/35	50	TVA	ppm	T/dy.	(104)
	do.	945[b]	1/38-9/38	101	TVA	ppm	T/dy.	(104)
French Broad River	Hot Springs, N. C.	1,567[b]	10/1/45-9/30/46	36	---	ppm	Bl:1di	(160)
French Broad River	Newport, Tenn.	1,858[b]	7/34-7/38	571	TVA	ppm	T/dy.	(104)
French Broad River	Dandridge, Tenn.	4,446[b]	9/13/30-4/7/31	3	Bl:1v	ppm	---	(21)
	do.	4,446[b]	6/34-10/38	596	TVA	ppm	T/dy.	(104)
Tennessee River	Knoxville, Tenn.	8,934[b]	10/26/06-10/26/07	32	Bl:1e	ppm	---	(26)
	do.	8,934[b]	9/13/30-4/7/31	3	Bl:1v	ppm	---	(21)
	do.	8,934[b]	10/38-4/42	193	TVA	ppm	T/dy.	(104)
Tennessee River	Loudon, Tenn.	12,220[b]	12/34-10/38	404	TVA	ppm	T/dy.	(104)
Tennessee River	Chattanooga, Tenn.	21,400[b]	11/34-12/42	505	TVA	ppm	T/dy.	(104)
	do.	21,400[b]	3/44-6/44	4	TVA	ppm	T/dy.	(104)
	do.	21,400[b]	10/44-5/45	8	TVA	ppm	T/dy.	(104)
	do.	21,400[b]	8/45-	11	TVA	ppm	T/dy.	(104)
Tennessee River	Hales Bar, Tenn.	21,800[b]	1/35-7/42	459	TVA	ppm	T/dy.	(104)
Tennessee River	Scottsboro, Ala.	23,430[b]	11/34-9/38	286	TVA	ppm	T/dy.	(104)
Tennessee River	Guntersville, Ala.	24,340	11/34-11/35	84	TVA	ppm	T/dy.	(104)
	do.	24,340	11/36-12/37	78	TVA	ppm	T/dy.	(104)
Tennessee River	Decatur, Ala.	26,900	11/34-1/37	199	TVA	ppm	T/dy.	(104)
Tennessee River	Florence, Ala.	30,810[b]	5/35-5/38	215	TVA	ppm	T/dy.	(104)
Tennessee River	Savannah, Tenn.	33,140[b]	11/34-3/42	518	TVA	ppm	T/dy.	(104)
Tennessee River	Johnsonville, Tenn.	38,520[b]	2/35-4/42	478	TVA	ppm	T/dy.	(104)
Tennessee River	Gilbertsville, Ky.	40,200[b]	10/24/06-10/24/07	33	Bl:1e	ppm	---	(26)
Swannanoa River	Biltmore, N. C.	130[b]	12/34-12/37	414	TVA	ppm	T/dy.	(104)
Pigeon River	Newport, Tenn.	666	7/34-7/38	503	TVA	ppm	T/dy.	(104)
Nolichucky River	Embreeville, Tenn.	805[b]	10/34-12/37	234	TVA	ppm	T/dy.	(104)
Nolichucky River	Morristown, Tenn.	1,679[b]	7/34-6/38	566	TVA	ppm	T/dy.	(104)
S. Fk. Holston River	Chilhowie, Va.	76[b]	9/10/30-4/9/31	2	Bl:1v	ppm	---	(21)
S. Fk. Holston River	Bluff City, Tenn.	813[b]	12/34-6/35	47	TVA	ppm	T/dy.	(104)
S. Fk. Holston River	Kingsport, Tenn.	1,931[b]	6/18/30-4/7/31	4	Bl:1v	ppm	---	(21)
	do.	1,931[b]	12/34-7/38	408	TVA	ppm	T/dy.	(104)
Holeton River	Rogersville, Tenn.	3,035[b]	6/18/30-4/7/31	4	Bl:1v	ppm	---	(21)
Holston River	Jefferson City, Tenn.	3,429[b]	9/37-10/38	143	TVA	ppm	T/dy.	(104)
Holeton River	Strawberry Plains, Tenn.	3,626[b]	9/13/30-4/7/31	2	Bl:1v	ppm	---	(21)
	do.	3,626[b]	6/34-9/37	474	TVA	ppm	T/dy.	(104)
Middle Fk. Holston River	Chilhowie, Va.	144[b]	9/10/30-4/9/31	2	Bl:1v	ppm	---	(21)
Watauga River	Elizabethton, Tenn.	692[b]	12/34-6/35	45	TVA	ppm	T/dy.	(104)
N. Fk. Holston River	Saltville, Va.	222[b]	6/1/30-3/31/31	29	Bl:1v	ppm	---	(21)
N. Fk. Holeton River	Mendota, Va.	500[b]	4/1/30-3/31/31	36	Bl:1v	ppm	---	(21)
N. Fk. Holeton River	Gate City, Va.	672[b]	2/35-7/38	390	TVA	ppm	T/dy.	(104)
Little River	Walland, Tenn.	192[b]	12/34-8/35	50	TVA	ppm	T/dy.	(104)
Little River	Rockford, Tenn.	352	6/35-12/37	268	TVA	ppm	T/dy.	(104)
Little Tennessee River	Judson, N. C.	664[b]	4/35-6/38	317	TVA	ppm	T/dy.	(104)
Little Tennessee River	Alcoa, Tenn.	---	5/12-4/14	---	Atdl:1v	ppm	---	(1)
Little Tennessee River	McGhee, Tenn.	2,443[b]	12/34-12/37	329	TVA	ppm	T/dy.	(104)
Tuckasegee River	Bryson City, N. C.	655[b]	4/35-6/38	323	TVA	ppm	T/dy.	(104)
Oconaluftv River	Cherokee, N. C.	131[b]	10/1/45-9/30/46	36	---	ppm	Bl:1di	(160)
Clinch River	Cleveland, Va.	528[b]	9/11/30-4/9/31	2	Bl:1v	ppm	---	(21)
Clinch River	Speer Ferry, Va.	1,126[b]	4/1/30-3/31/31	36	Bl:1v	ppm	---	(21)
	do.	1,126[b]	12/34-7/38	414	TVA	ppm	T/dy.	(104)
Clinch River	Tazewell, Tenn.	1,482	6/34-5/42	1,036	TVA	ppm	T/dy.	(104)

2/ Pitcher pump sampler.
3/ Samples taken 96.6 river miles from mouth of White River.
4/ Samples taken from 51.7 to 62.5 river miles from mouth of White River.
5/ Samples taken from 7.7 to 46.8 river miles from mouth of White River.
6/ Samples taken from 53.1 to 101.6 river miles from mouth of White River.
7/ Three samples of 100 cc. each obtained at 8-hour intervals from raw-water line passing through pumping station. Samples are consolidated for one month, then filtered, dried, and weighed.
8/ All samples taken by TVA sampler were taken at 0.5 foot depth, mid-depth and 0.5 foot above bottom, and from 1 to 7 verticals in the cross section, depending on size and stage of stream.

Part 3

OHIO RIVER BASIN

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Tennessee River Basin (cont'd)								
Clinch River	Maynardville, Tenn.	1,806	3/34-7/35	162	TVA	ppm	T/dy.	(104)
Clinch River	Norrie Dam, Tenn.	2,913[b]	12/37-4/42	208	TVA	ppm	T/dy.	(104)
Clinch River	Lake City, Tenn.	2,921	1/34-3/36	326	TVA	ppm	T/dy.	(104)
Big Sycamore Creek	Sneedville, Tenn.	5.51	6/35-4/45	1,673	B	ppm	T/dy.	(104)
Big Barren Creek	New Tazewell, Tenn.	19.0	2/35-4/45	2,201	B	ppm	T/dy.	(104)
White Creek	Sharps Chapel, Tenn.	2.68	2/35-	1,458	B	ppm	T/dy.	(104)
Powell River	Pennington Gap, Va.	304[b]	4/1/30-3/31/31	36	Bl:lv	ppm	---	(21)
Powell River	Arthur, Tenn.	685	6/34-5/42	1,036	TVA 8/	ppm	T/dy.	(104)
Powell River	La Follette, Tenn.	933	3/34-7/35	160	TVA	ppm	T/dy.	(104)
Emory River	Oakdale, Tenn.	764	12/34-12/37	281	TVA	ppm	T/dy.	(104)
Hiwassee River	Murphy, N. C.	421	2/34-3/34	34	TVA	ppm	T/dy.	(104)
	.....do.....	421	8/34-5/42	1,081	TVA	ppm	T/dy.	(104)
Hiwassee River	Hiwassee Dam, N. C.	968	1/37-10/38	112	TVA	ppm	T/dy.	(104)
	.....do.....	968	9/40-2/42	34	TVA	ppm	T/dy.	(104)
Hiwassee River	Apalachia, Tenn.	1,043	1/35-1/37	142	TVA	ppm	T/dy.	(104)
Hiwassee River	Charleston, Tenn.	2,298	2/34-3/34	75	TVA	ppm	T/dy.	(104)
	.....do.....	2,298	2/35-9/38	468	TVA	ppm	T/dy.	(104)
Valley River	Tomotla, N. C.	108[b]	8/34-5/42	965	TVA	ppm	T/dy.	(104)
Nottely River	Ranger, N. C.	272[b]	8/34-5/42	993	TVA	ppm	T/dy.	(104)
Turtletown Creek	Turtletown, Tenn.	26.9[b]	1/35-6/38	221	TVA	ppm	T/dy.	(104)
Potato Creek	Ducktown, Tenn.	13.0[b]	1/35-6/38	220	TVA	ppm	T/dy.	(104)
Potato Creek Tributary 1E	Ducktown, Tenn.	0.01	3/43-	9/	Automatic	ppm	T/quarter	(104)
Potato Creek Tributary 1W	Ducktown, Tenn.	0.008	3/43-	9/	Automatic	ppm	T/quarter	(104)
Brush Creek	Ducktown, Tenn.	14.4	1/35-6/38	225	TVA	ppm	T/dy.	(104)
Chestuee Creek	Englewood, Tenn.	15.2	2/44-	188	TVA	ppm	T/dy.	(104)
Chestuee Creek	Zion Hill, Tenn.	38.7	2/44-	192	TVA	ppm	T/dy.	(104)
Chestuee Creek	Athens, Tenn.	80.1	2/44-	230	TVA	ppm	T/dy.	(104)
Chestuee Creek	Dentville, Tenn.	116	2/44-	193	TVA	ppm	T/dy.	(104)
Middle Creek	Englewood, Tenn.	33.7	2/44-	196	TVA	ppm	T/dy.	(104)
North Chickamauga Creek	Hixson, Tenn.	114	1/37-6/38	147	TVA	ppm	T/dy.	(104)
South Chickamauga Creek	McCarty, Tenn.	458	2/37-6/38	174	TVA	ppm	T/dy.	(104)
Sequatchie River	Whitwell, Tenn.	384[b]	11/34-12/37	395	TVA	ppm	T/dy.	(104)
Paint Rock River	Woodville, Ala.	320[b]	1/35-12/37	473	TVA	ppm	T/dy.	(104)
Flint River	Brownsboro, Ala.	375	11/34-6/38	500	TVA	ppm	T/dy.	(104)
Elk River	Prospect, Tenn.	1,784[b]	3/36-9/38	286	TVA	ppm	T/dy.	(104)
Elk River	Rogersville, Ala.	2,239	11/34-5/36	174	TVA	ppm	T/dy.	(104)
Bear Creek	Bishop, Ala.	667[b]	11/34-6/38	748	TVA	ppm	T/dy.	(104)
Duck River	Hurricane Mille, Tenn.	2,571[b]	11/34-1/38	464	TVA	ppm	T/dy.	(104)
	.....do.....	2,571[b]	1/13/39-5/24/40	34	---	---	T	(30)
Buffalo River	Lobelville, Tenn.	707[b]	11/34-12/37	380	TVA	ppm	T/dy.	(104)
Big Sandy River	Big Sandy, Tenn.	379[b]	12/34-12/37	660	TVA	ppm	T/dy.	(104)
Cache River Basin								
Cache River	Mounds, Ill.	---	8/1/06-7/31/07	30	Bl:ls	ppm	---	(18)

8/ All samples taken by TVA sampler were taken at 0.5 foot depth, mid-depth and 0.5 foot above bottom, and from 1 to 7 verticals in the cross section, depending on size and stage of stream.

9/ Continuous sampling.

Part 4

ST. LAWRENCE RIVER BASIN

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
St. Lawrence River Main Stem								
St. Lawrence River	Ogdensburg, N. Y.	298,100[b]	9/18/06-8/18/07	11	Bl:ls	ppm	---	(26)
Oswegatchie River	Ogdensburg, N. Y.	1,580	8/28/06-9/9/07	35	Bl:ls	ppm	---	(26)
Tributaries of Lake Superior								
Lake Superior	Sault Ste. Marie, Mich.	80,900 1/	9/22/06-8/22/07	11	Bl:ls	ppm	---	(26)
Tributaries of Lake Michigan								
Lake Michigan	St. Ignace, Mich.	69,040 1/	9/20/06-8/20/07	11	Bl:ls	ppm	---	(26)
Kalamazoo River	Kalamazoo, Mich.	1,100	9/19/06-9/21/07	35	Bl:ls	ppm	---	(26)
Grand River	Grand Rapids, Mich.	4,900[b]	10/1/06-10/5/07	34	Bl:ls	ppm	---	(26)
Tributaries of Lake Huron								
Lake Huron	Port Huron, Mich.	222,360 1/	9/21/06-6/21/07	9	Bl:ls	ppm	---	(26)
Tributaries of Lake Erie								
Lake Erie	Buffalo, N. Y.	263,460 1/	9/19/06-8/28/07	11	Bl:ls	ppm	---	(26)
Maumee River	Toledo, Ohio	6,720	9/9/06-10/7/07	36	Bl:ls	ppm	---	(26)
Black River	Lorain, Ohio	407	5/1/02-6/30/04	2/	Bl:lv	%/wt.	cu.yd./mo.	(171)
Cuyahoga River	Independence, Ohio	709[b]	1902-04	26	Bl:lm	---	---	(113)
	.....do.....	709[b]	4/44-6/44	19	DiI4:ldi	ppm	---	(113)
Cuyahoga River	Cleveland, Ohio	778	5/1/02-6/30/04	2/	Bl:lv	%/wt.	cu.yd./mo.	(113)(120)
	.....do.....	810	4/4/44-6/12/44	---	---	---	T	(119)
Cuyahoga River	Cleveland (Center St. Bridge), Ohio	810	4/44-6/44	11	DiI:ldi	ppm	---	(113)
Grand River	Painesville, Ohio	663	5/1/02-6/30/04	2/	Bl:lv	%/wt.	cu.yd./mo.	(171)

1/ U. S. Lake Survey Bulletin values.
2/ Samples taken daily.

HUDSON BAY AND UPPER MISSISSIPPI RIVER BASINS

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Red River of the North Basin								
Red River of the North	Wahpeton, N. Dak.	4,010[b]	6/25-1/26	---	B	ppm	---	(167)
Red River of the North	Grand Forks, N. Dak.	30,100[b] 1/	6/25-1/26	---	B	ppm	---	(167)
Red River of the North	Emerson, Manitoba	40,200[b] 1/	6/25-1/26	---	B	ppm	---	(167)
Pembina River	Pembina, N. Dak.	3,620	6/25-1/26	---	B	ppm	---	(167)
Mississippi River Main Stem								
Mississippi River	Anoka, Minn.	19,100[b]	4/14/32-7/17/32	92	SP1:1s 2/	ppm	T/dy.	(135)
Mississippi River	Coon Rapids, Minn.	18,970	4/14/32-7/18/32	96	SP1:1s 2/	ppm	T/dy.	(135)
Mississippi River	Minneapolis, Minn.	19,600	9/10/06-9/11/07	30	B1:1s	ppm	---	(26)
Mississippi River	Prescott, Wis.	45,000[b]	4/26/81-7/30/81	14	Msb8:3v	parts/100,000	lb./sec.	(141)
Mississippi River	Red Wing, Minn.	46,680	4/12/32-6/21/32	35	SP1:1s 2/	ppm	T/dy.	(135)
Mississippi River	Wacouta Point, Minn.	46,725	4/12/32-6/21/32	9	SP1:1s 2/	ppm	T/dy.	(135)
Mississippi River	Frontenac, Minn.	46,980	4/12/32-6/21/32	11	SP1:1s 2/	ppm	T/dy.	(135)
Mississippi River	Lake City, Minn.	47,065	4/12/32-7/8/22	60	SP1:1s 2/	ppm	T/dy.	(135)
	.....do.....	47,065	9/22/32-10/28/32	32	SP1:1s 2/	ppm	T/dy.	(135)
Mississippi River	Pepin, Wis.	47,115	4/12/32-6/23/32	10	SP1:1s 2/	ppm	T/dy.	(135)
Mississippi River	Wabasha, Minn.	56,610[b]	4/29/32-6/21/33	292	SP1:1s 2/	ppm	T/dy.	(135)
Mississippi River	Winona, Minn.	59,200[b]	2/4/81-7/30/81	28	Msb8:3v	parts/100,000	lb./sec.	(141)
	.....do.....	59,200[b]	4/30/32-6/21/33	291	SP1:1s 2/	ppm	T/dy.	(135)
Mississippi River	La Crosse, Wis.	62,800[b]	3/4/32-6/22/33	466	SP1:1s 2/	ppm	T/dy.	(135)
	.....do.....	62,800[b]	3/23/37-6/15/37	11	SP3-9:5v	ppm	T/dy.	(81)
Mississippi River	Clayton, Iowa.	79,200	1/28/81-8/18/81	38	Msb8:3v	parts/100,000	lb./sec.	(141)
	.....do.....	79,200	4/26/32-6/21/33	294	SP1:1s 2/	ppm	T/dy.	(135)
Mississippi River	Pools 10 to 24 (15 locations)	---	1938 (and others)	40	T-B & RI	---	---	(132)
Mississippi River	East Dubuque, Ill.	81,978	11/11/42-5/26/43	62	RI1:1d1	ppm	T/hr.	(132)
	.....do.....	81,978	6/2/43-	531	RI1:1d1	ppm	T/hr.	(132)
Mississippi River	Moline, Ill.	88,400	2/1/06-7/31/07	17	B1:1s	ppm	---	(18)
Mississippi River	Burlington, Iowa.	114,000	11/14/42-6/1/43	78	RI1:1d1	ppm	T/hr.	(132)
	.....do.....	114,000	6/2/43-	555	RI1:1d1	ppm	T/hr.	(132)
Mississippi River	Keokuk, Iowa.	119,000[b]	6/23/43-	409	RI1:1d1	ppm	T/hr.	(132)
Mississippi River	Quincy, Ill.	135,500	8/1/06-7/31/07	35	B1:1s	ppm	---	(18)
Mississippi River	Hannibal, Mo.	137,303	1/11/81-8/4/81	48	Msb8:3v	ppm	lb./sec.	(141)
	.....do.....	137,303	8/20/43-3/14/45	330	RI1:1d1	ppm	T/hr.	(132)
	.....do.....	137,303	3/20/45-5/1/45	3/	RI1:1d1	ppm	T/hr.	(132)
	.....do.....	137,303	6/15/46-	3/	RI1:1d1	ppm	T/hr.	(132)
Mississippi River	Grafton, Ill.	170,000	11/13/80-8/30/81	89	Msb8:3v	ppm	lb./sec.	(141)
	.....do.....	170,000	3/22/29-6/6/29	12	MR08:3v	ppm	lb./sec.	(141)
	.....do.....	170,000	9/6/30-2/28/31	36	MR08:3v	ppm	lb./sec.	(142)
	.....do.....	170,000	12/14/31-12/2/32	98	---	ppm	---	(145)
Minnesota River Basin								
Minnesota River	Carver, Minn.	16,200[b]	3/22/37-6/21/37	15	SP3-9:5v	ppm	T/dy.	(81)
Minnesota River	Shakopee, Minn.	16,300	9/24/06-10/1/07	24	B1:1s	ppm	---	(26)
	.....do.....	16,300	5/19/32-6/22/33	275	SP1:1s 2/	ppm	T/dy.	(135)
Minnesota River	Mendota, Minn.	16,920	5/20/32-6/20/33	270	SP1:1s 2/	ppm	T/dy.	(135)
St. Croix River Basin								
St. Croix River	Prescott, Wis.	7,650	5/19/32-6/22/33	274	SP1:1s 2/	ppm	T/dy.	(135)
Cannon River Basin								
Cannon River	Welch, Minn.	1,320[b]	5/19/32-6/22/33	274	SP1:1s 2/	ppm	T/dy.	(135)
Chippewa River Basin								
Chippewa River	Eau Claire, Wis.	6,630[b]	9/14/06-9/12/07	35	B1:1s	ppm	---	(135)
Chippewa River	Durand, Wis.	9,010[b]	4/28/32-6/22/33	294	SP1:1s 2/	ppm	T/dy.	(135)
	.....do.....	9,010[b]	3/31/37-6/17/37	14	SP3-9:5v	ppm	T/dy.	(81)
Beef (Buffalo) River Basin								
Beef (Buffalo) River	Acoola Farm, 5 mi. above mouth, Wis.	379	4/29/32-6/22/33	291	SP1-9:2&5v	ppm	T/dy.	(135)
Beef (Buffalo) River	Alma, Wis.	465	4/29/32-6/22/33	293	SP1:1s 2/	ppm	T/dy.	(135)
Zumbro River Basin								
Zumbro River	Zumbro Falls, Minn.	1,230[b]	3/17/37-6/25/37	14	SP3-9:5v	ppm	T/dy.	(81)
Zumbro River	Kellogg, Minn.	1,380	4/30/32-6/22/33	294	SP1:1s 2/	ppm	T/dy.	(135)
Whitewater River Basin								
Whitewater River	Weaver, Minn.	320	4/30/32-6/21/33	292	SP1:1s 2/	ppm	T/dy.	(135)
	.....do.....	320	4/26/41-7/22/41	---	---	ppm	---	(135)
Gilmore Creek Basin								
Gilmore Creek	Winona, Minn.	8.95[b]	7/21/33	4/	---	---	T	(3)
Trempealeau River Basin								
Trempealeau River	Bohri, (Delta Farm), Wis.	608	4/29/32-11/15/32	188	SP1:1s 2/	ppm	T/dy.	(135)
	.....do.....	608	4/5/33-6/22/33	79	SP1:1s 2/	ppm	T/dy.	(135)
Black River Basin								
Black River	Galesville, Wis.	2,120[b]	4/28/32-6/21/33	293	SP1:1s 2/	ppm	T/dy.	(135)
	.....do.....	2,120[b]	3/29/37-6/15/37	12	SP3-9:5v	ppm	T/dy.	(81)
Beaver Creek	Above Lake Marinuka, Galesville, Wis.	---	6/1/39-8/22/39	35	---	ppm	---	(153)
	.....do.....	---	4/12/40-7/18/41	200	---	ppm	---	(153)
	.....do.....	---	10/26/41-3/17/42	52	---	ppm	---	(153)
Beaver Creek	Below Lake Marinuka, Galesville, Wis.	138	4/12/40-7/18/41	200	---	ppm	---	(153)
	.....do.....	138	10/26/41-3/17/42	52	---	ppm	---	(153)
La Crosse River Basin								
La Crosse River	West Salem, Wis.	412[b]	4/28/32-6/22/33	296	SP1:1s 2/	ppm	T/dy.	(135)
Little La Crosse River	Near Leon, Wis.	77.1[b]	4/1/34-9/30/40	2,375 5/	D1h3:1d1	ppm	T/dy.	(40)(96)
Watershed UPW	La Crosse, Wis.	0.0036	3/29/33-12/31/38	6/	R	$/wt.	T/ac.	(53)(153)
Watershed CW	.....do.....	0.0035	1/1/37-9/30/46	6/	R	$/wt.	T/ac.	(53)(153)
Watershed UCW	.....do.....	0.0042	3/30/33-9/30/46	6/	R	$/wt.	T/ac.	(53)(153)
Coon Creek Basin								
Coon Creek	At Coon Valley, Wis.	77.2	4/6/34-9/30/40	2,370 5/	D1h3:1d1	ppm	T/dy.	(40)(96)
Coon Creek	Stoddard, Wis.	119	6/1/34-5/31/38	1,520	D1h3:1d1	ppm	T/dy.	(40)(96)

1/ Includes 3,940 square miles of drainage area in Devils Lake Basin.
2/ Also, SP1-9:2&5v.
3/ Daily except winter months, with additional samples during rises.
4/ Periodic sampling during rise and fall of flood.
5/ Minimum of 1 per day with 2 to 10 per day during changing stages.
6/ Composite sampling of all runoff.

Part 5

HUDSON BAY AND UPPER MISSISSIPPI RIVER BASINS

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Root River Basin								
Root River	Houston, Minn.	1,270[b]	4/27/32-6/22/33	298	SP1:1s 2/	ppm	T/dy.	(135)
	do.	1,270[b]	3/16/37-5/29/37	15	SP3-9:5v	ppm	T/dy.	(81)
Bad Axe River								
Bad Axe River	Victory, Wis.	170	4/26/32-6/22/33	297	SP1:1s 2/	ppm	T/dy.	(135)
Upper Iowa River Basin								
Upper Iowa River	New Albin, Iowa.	1,057	4/27/32-6/22/33	297	SP1:1s 2/	ppm	T/dy.	(135)
Wisconsin River Basin								
Wisconsin River	Portage, Wis.	8,600	9/11/06-3/17/07	23	B1:1s	ppm	---	(26)
Wisconsin River	Muscoda, Wis.	10,300[b]	4/26/32-6/22/33	295	SP1:1s 2/	ppm	T/dy.	(135)
	do.	10,300[b]	3/30/37-6/28/37	12	SP3-9:5v	ppm	T/dy.	(81)
Galena River Basin								
Galena River	Buncombe, Wis.	128[b]	3/13/42-6/1/43	60	RI1:1di	ppm	T/hr.	(132)
	do.	128[b]	6/2/43-6/18/46	130	RI1:1di	ppm	T/hr.	(132)
Plum River Basin								
Plum River	Savanna, Ill.	201	5/15/40-9/30/41	104	RI1:1di	ppm	T/hr.	(132)
Wapsipinicon River Basin								
Wapsipinicon River	DeWitt, Iowa.	2,300[b]	2/28/42-5/18/43	174	RI1:1di	ppm	T/hr.	(132)
	do.	2,300[b]	5/19/43-6/7/46	289	RI1:1di	ppm	T/hr.	(132)
	do.	2,300[b]	6/14/46-	3/	RI1:1di	ppm	T/hr.	(132)
Rock River Basin								
Rock River	Rockford, Ill.	6,520[b]	8/1/06-7/31/07	30	B1:1s	ppm	---	(18)
Rock River	Sterling, Ill.	---	8/1/06-7/31/06	34	B1:1s	ppm	---	(18)
Turtle Creek	Clinton, Wis.	186[b]	3/29/40-11/26/41	88	RI1:1di	ppm	T/hr.	(132)
	do.	186[b]	4/1/42-11/25/42	42	RI1:1di	ppm	T/hr.	(132)
Pecatonica River	Martintown, Wis.	1,040[b]	3/29/40-11/5/41	99	RI1:1di	ppm	T/hr.	(132)
	do.	1,040[b]	3/4/42-12/4/42	122	RI1:1di	ppm	T/hr.	(132)
Kishwaukee River	Perryville, Ill.	1,090[b]	3/30/40-11/20/41	166	RI1:1di	ppm	T/hr.	(132)
	do.	1,090[b]	3/4/42-11/25/42	81	RI1:1di	ppm	T/hr.	(132)
Rock Creek	Morrison, Ill.	169	4/2/40-11/26/41	133	RI1:1di	ppm	T/hr.	(132)
	do.	169	3/4/42-11/25/42	48	RI1:1di	ppm	T/hr.	(132)
Green River	Geneseo, Ill.	958[b]	4/2/40-11/26/41	132	RI1:1di	ppm	T/hr.	(132)
	do.	958[b]	3/4/42-11/19/42	55	RI1:1di	ppm	T/hr.	(132)
Iowa River Basin								
Iowa River	Marshalltown, Iowa.	1,500[b]	9/1/44-6/1/46	3/	RI1:1di	ppm	T/hr.	(132)
Iowa River	Belle Plaine, Iowa.	2,420[b]	3/27/41-	27	---	---	---	(132)
	do.	2,420[b]	10/1/41-9/30/42	80	---	ppm	T/hr.	(132)
Iowa River	North Liberty, Iowa.	3,035	3/31/41-	30	---	---	---	(132)
	do.	3,035	10/15/41-9/30/42	68	---	ppm	T/hr.	(132)
Iowa River	Above Coralville, Iowa.	3,035	10/43-	7/	D1I 8/	ppm	T/dy.	(78)
Iowa River	Coralville, Iowa.	3,035	3/31/41-3/5/42	9	RI1:1di	ppm	T/hr.	(132)
	do.	3,035	3/6/42-5/26/43	102	RI1:1di	ppm	T/hr.	(132)
	do.	3,035	6/2/43-9/29/43	46	RI1:1di	ppm	T/hr.	(132)
Iowa River	At Iowa City, Iowa.	3,230[b]	9/6/06-9/16/07	36	B1:1s	ppm	---	(26)
	do.	3,230[b]	4/8/25-12/2/26	25	---	ppm	---	(107)
	do.	3,230[b]	4/16/37-5/19/41	137	---	ppm	---	(79)
	do.	3,230[b]	10/43-	7/	D1I 8/	ppm	T/dy.	(78)
Salt Creek	Elberon, Iowa.	---	7/2/46-12/1/46	46	RI1:1di	ppm	T/hr.	(132)
Bear Creek	Ladora, Iowa.	185	7/2/46-11/20/46	48	RI1:1di	ppm	T/hr.	(132)
Cedar River	At Cedar Rapids, Iowa.	6,640[b]	9/6/06-9/17/07	37	B1:1s	ppm	---	(26)
	do.	6,640[b]	3/6/42-5/26/43	121	RI1:1di	ppm	T/hr.	(132)
	do.	6,640[b]	6/2/43-9/29/43	23	RI1:1di	ppm	T/hr.	(132)
	do.	6,640[b]	10/43-	7/	D1I 8/	ppm	T/dy.	(78)
Edwards River Basin								
Edwards River	New Boston, Ill.	434[b]	5/14/40-11/26/41	78	RI1:1di	ppm	T/hr.	(132)
Des Moines River Basin								
W. Fk. Des Moines River	Humboldt, Iowa.	2,295	3/13/40-9/10/41	50	RI1:1di	ppm	T/hr.	(132)
Des Moines River	Fort Dodge, Iowa.	---	7/23/12-8/22/13	4	---	ppm	---	(108)
Des Moines River	Boone, Iowa.	5,490[b]	3/19/40-2/11/42	101	RI1:1di	ppm	T/hr.	(132)
	do.	5,490[b]	3/11/42-5/26/43	88	RI1:1di	ppm	T/hr.	(132)
	do.	5,490[b]	6/2/43-8/16/44	162	RI1:1di	ppm	T/hr.	(132)
	do.	5,490[b]	8/23/44-	3/	RI1:1di	ppm	T/hr.	(132)
Des Moines River	Des Moines, Iowa.	6,180[b]	6/25/12-9/2/13	8	---	ppm	---	(108)
	do.	6,180[b]	10/44-	7/	D1I 8/	ppm	T/dy.	(78)
Des Moines River	Tracy, Iowa.	12,400[b]	3/20/40-11/26/41	77	RI1:1di	ppm	T/hr.	(132)
	do.	12,400[b]	3/5/42-5/29/43	102	RI1:1di	ppm	T/hr.	(132)
	do.	12,400[b]	6/5/43-4/5/44	76	RI1:1di	ppm	T/hr.	(132)
	do.	12,400[b]	4/12/44-	3/	RI1:1di	ppm	T/hr.	(132)
Des Moines River	Ottumwa, Iowa.	13,200[b]	7/23/12-9/2/13	6	---	ppm	---	(108)
Des Moines River	Keosauqua, Iowa.	14,300[a]	9/10/06-9/9/07	36	B1:1s	ppm	---	(26)
Raccoon River	Van Meter, Iowa.	3,410[b]	3/19/40-11/26/41	99	RI1:1di	ppm	T/hr.	(132)
	do.	3,410[b]	3/5/42-5/26/43	106	RI1:1di	ppm	T/hr.	(132)
	do.	3,410[b]	6/2/43-4/30/44	88	RI1:1di	ppm	T/hr.	(132)
	do.	3,410[b]	5/4/44-	3/	RI1:1di	ppm	T/hr.	(132)
Middle River	Indianola, Iowa.	502[b]	8/1/44-6/30/46	3/	RI1:1di	ppm	T/hr.	(132)
	do.	502[b]	9/1/46-12/8/46	3/	RI1:1di	ppm	T/hr.	(132)
Fox River Basin								
Fox River 9/	Missouri.	---	---	4-5	B	---	---	(132)
Wyaconda River Basin								
Wyaconda River 9/	Missouri.	---	---	4-5	B	---	---	(132)
Fabius River Basin								
North Fabius River	Monticello, Mo.	452[b]	3/11/42-5/22/43	52	RI1:1di	ppm	T/hr.	(132)
	do.	452[b]	6/2/43-6/12/46	120	RI1:1di	ppm	T/hr.	(132)
South Fabius River 9/	Missouri.	---	---	4-5	B	---	---	(132)

2/ Also, SP1-9:2&3v.
3/ Daily except winter months, with additional samples during rises.
7/ Samples collected 1 to 3 times daily and oftener during flood periods.
8/ Depth integrated samples at fixed point in cross section, supplemented by samples at 4 to 6 points in cross section once a month or oftener.
9/ Backwater from high water on Mississippi River.

Part 5

HUDSON BAY AND UPPER MISSISSIPPI RIVER BASINS

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
North River Basin								
North River 9/	Missouri	---	---	4-5	B	---	---	(132)
Salt River Basin								
Salt River	Moarce City (Joanna), Mo.	2,230[b]	3/21/40-9/30/41	120	---	---	---	(132)
	do.	2,230[b]	10/1/41-12/2/42	10/	Divl:ldi 8/	ppm	ac.-ft./yr.	(134)
	do.	2,230[b]	10/20/43-7/12/44	10/	Divl:ldi 8/	ppm	ac.-ft./yr.	(134)
	do.	2,230[b]	4/5/45-5/23/45	10/	Divl:ldi 8/	ppm	ac.-ft /yr.	(134)
The Sny Basin								
Hadley Creek	Kinderhook, Ill.	72.7[b]	2/2/40-11/30/41	83	RIl:ldi	ppm	T/hr.	(132)
	do.	72.7[b]	3/8/42-5/30/43	49	RIl:ldi	ppm	T/hr.	(132)
	do.	72.7[b]	6/6/43-	439	RIl:ldi	ppm	T/hr.	(132)
Bay Creek	Nebo, Ill.	162[b]	3/12/42-5/26/43	102	RIl:ldi	ppm	T/hr.	(132)
	do.	162[b]	6/4/43-	129	RIl:ldi	ppm	T/hr.	(132)
Illinois River Basin								
Illinois River	La Salle, Ill.	11,785	8/1/06-7/31/07	34	Bl:le	ppm	---	(18)
Illinois River	Peoria, Ill.	13,455	8/1/06-2/27/07	33	Bl:ls	ppm	---	(18)
Illinois River	Kampsville, Ill.	26,730	8/1/06-7/31/07	34	Bl:ls	ppm	---	(18)
Illinois River	Grafton, Ill.	29,000	12/15/31-12/17/31	2	---	ppm	---	(145)
Fox River	Elgin, Ill.	1,500	8/3/06-7/31/07	34	Bl:le	ppm	---	(18)
Fox River	Ottowa, Ill.	2,580	8/2/06-7/31/07	34	Bl:ls	ppm	---	(18)
Vermilion River	Streator, Ill.	1,080	8/1/06-7/31/07	34	Bl:le	ppm	---	(18)
East Bureau Creek	Princeton, Ill.	109	3/25/42-5/26/43	42	RIl:ldi	ppm	T/hr.	(132)
	do.	109	6/9/43-8/15/45	36	RIl:ldi	ppm	T/hr.	(132)
Sangamon River	Decatur, Ill.	791[b]	8/1/06-7/31/07	33	Bl:ls	ppm	---	(18)
Sangamon River	Springfield, Ill.	2,860[b]	8/10/06-7/31/07	30	Bl:le	ppm	---	(18)
Sangamon River	Chandlerville, Ill.	5,070[b]	8/1/06-7/31/07	33	Bl:ls	ppm	---	(18)
Kaskaskia River Basin								
Kaskaskia River	Shelbyville, Ill.	1,030[b]	8/1/06-7/31/07	33	Bl:le	ppm	---	(18)
	do.	1,030[b]	10/30/42-9/30/46	10/	Divl:ldi 8/	ppm	ac.-ft./yr.	(134)
	do.	1,030[b]	7/1/45-6/30/46	145	RIl:l	ppm	T/hr.	(132)
Kaskaskia River	Carlyle, Ill.	2,680[b]	8/1/06-7/31/07	34	Bl:ls	ppm	---	(18)
Big Muddy River Basin								
Big Muddy River	Murphysboro, Ill.	2,170[b]	8/1/06-7/31/07	33	Bl:le	ppm	---	(18)

8/ Depth integrated samples at fixed point in cross section, supplemented by samples at 4 to 6 points in cross section once a month or oftener.
9/ Backwater from high water on Mississippi River.
10/ One sample per week during low flows and 1 to 3 per day during medium and high stages.

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Missouri River Main Stem								
Jefferson River	Silverstar, Mont.	7,840[b]	3/6/31-10/3/31	188	Bl:ls	ppm	T	(110)
Missouri River	Fort Benton, Mont.	24,600[b]	8/21/29-11/30/30	437	Bl:ls	ppm	T/mo.	(110)
	do.	24,600[b]	3/9/31-8/31/31		Bl:ls	ppm	T/mo.	(110)
Missouri River	Above Ft. Peck Dam, Mont.	52,590 1/	7/2/37-11/12/37	19	KC13:1-5v	g/l	---	(116)
	do.	52,590 1/	5/5/38-11/5/38	79 2/	KC13:1-5v	g/l	---	(116)
	do.	52,590 1/	6/8/39-10/14/39	47 2/	KC13:1-5v	g/l	---	(116)
	do.	52,590 1/	5/23/40-10/7/40	59 2/	KC13:1-5v	g/l	---	(116)
Missouri River	Ft. Peck, Mont.	56,805	6/6/37-6/28/37	31	KC13:1-5v	g/l	---	(116)
Missouri River	Near Snowden, Mont.	93,700	5/15/31-11/15/31	216 3/	Bl:ls	---	---	(118)
	do.	93,700	6/37-11/37	41	S 4/	g/1000 cc.	T/dy.	(118)
	do.	93,700	6/38-11/38	31	O 4/	g/l	T/dy.	(118)
	do.	93,700	4/39-11/39	63	03:3-5vo	g/l	T/dy.	(118)
	do.	93,700	4/40-11/40	64	03:3-5vo	g/l	T/dy.	(118)
	do.	93,700	4/41-11/41	73	03:3-5vo	g/l	T/dy.	(118)
	do.	93,700	3/42-10/42	77	03:3-5vo	g/l	T/dy.	(118)
	do.	93,700	4/43-12/43	83	03:3-5vo	g/l	T/dy.	(118)
	do.	93,700	1/44-12/44	64	03:3-5vo	g/l	T/dy.	(118)
	do.	93,700	4/45-11/45	70	03:3-5vo	g/l	T/dy.	(118)
	do.	93,700	5/46-11/46	52	03:3-5vd	g/l	T/dy.	(118)
Missouri River	Near Williston, N. Dak.	164,500[b]	8/14/05-	---	---	mg/l	---	(102)
	do.	164,500[b]	10/1/29-11/30/30	718 5/	Bl:ls	ppm	T/mo.	(110)
	do.	164,500[b]	5/16/31-11/14/31		Bl:ls	ppm	T/mo.	(110)
	do.	164,500[b]	6/37-11/37	40	S 4/	g/1000 cc.	T/dy.	(118)
	do.	164,500[b]	6/38-11/38	36	O 4/	g/l	T/dy.	(118)
	do.	164,500[b]	4/39-11/39	63	03:3-5vo	g/l	T/dy.	(118)
	do.	164,500[b]	4/40-10/40	65	03:3-5vo	g/l	T/dy.	(118)
	do.	164,500[b]	4/41-12/41	75	03:3-5vo	g/l	T/dy.	(118)
	do.	164,500[b]	3/42-10/42	75	03:3-5vo	g/l	T/dy.	(118)
	do.	164,500[b]	4/43-11/43	62	03:3-5vo	g/l	T/dy.	(118)
	do.	164,500[b]	4/44-11/44	54	03:3-5vo	g/l	T/dy.	(118)
	do.	164,500[b]	4/45-10/45	62	03:3-5vod	g/l	T/dy.	(118)
	do.	164,500[b]	4/46-12/46	95 6/	03:3-5vd	g/l	T/dy.	(118)
Missouri River	Sanish, N. Dak.	167,100[b]	6/37-10/37	43	S 4/	g/100 cc.	T/dy.	(118)
	do.	167,100[b]	6/38-11/38	31	O 4/	g/l	T/dy.	(118)
	do.	167,100[b]	4/39-11/39	63	03:3-5vo	g/l	T/dy.	(118)
	do.	167,100[b]	5/40-11/40	56	03:3-5vo	g/l	T/dy.	(118)
	do.	167,100[b]	4/41-12/41	76	03:3-5vo	g/l	T/dy.	(118)
	do.	167,100[b]	4/42-11/42	91	03:3-5vo	g/l	T/dy.	(118)
	do.	167,100[b]	4/43-12/43	32	03:3-5vo	g/l	T/dy.	(118)
	do.	167,100[b]	4/44-11/44	41	03:3-5vo	g/l	T/dy.	(118)
	do.	167,100[b]	4/45-11/45	77	03:3-5vo	g/l	T/dy.	(118)
	do.	167,100[b]	4/46-11/46	53	03:3-5vd	g/l	T/dy.	(118)
Missouri River	Bismarck, N. Dak.	186,400[b]	6/46-11/46	55	03:3-5vd	g/l	T/dy.	(118)
Missouri River	Near Mobridge, S. Dak.	208,700[b]	8/13/29-11/22/29		Bl:ls	ppm	T/mo.	(110)
	do.	208,700[b]	4/2/30-11/30/30	296	Bl:ls	ppm	T/mo.	(110)
	do.	208,700[b]	4/21/31-4/25/31		Bl:ls	ppm	T/mo.	(110)
	do.	208,700[b]	6/37-10/37	50	S 4/	g/1000 cc.	T/dy.	(128)
	do.	208,700[b]	6/38-11/38	42	O 4/	g/l	T/dy.	(128)
	do.	208,700[b]	4/39-11/39	64	03:3-5vc	g/l	T/dy.	(128)
	do.	208,700[b]	4/40-11/40	73	03:3-5vo	g/l	T/dy.	(128)
	do.	208,700[b]	4/41-12/41	75	03:3-5vo	g/l	T/dy.	(128)
	do.	208,700[b]	3/42-12/42	103	03:3-5vc	g/l	T/dy.	(128)
	do.	208,700[b]	4/43-12/43	89	03:3-5vo	g/l	T/dy.	(128)
	do.	208,700[b]	4/44-11/44	63	03:3-5vo	g/l	T/dy.	(128)
	do.	208,700[b]	3/45-12/45	82	03:3-5vo	g/l	T/dy.	(128)
	do.	208,700[b]	4/46-11/46	71	03:3-5vd	g/l	T/dy.	(128)
Missouri River	Pierre, S. Dak.	243,500[b]	4/20/30-11/30/30	220	Bl:ls	---	---	(110)
	do.	243,500[b]	5/46-9/46	36	03:3-5vd	g/l	T/dy.	(128)
Missouri River	Chamberlain, S. Dak.	250,800[b]	8/11/29-12/26/29	124	Bl:ls	---	---	(110)
Missouri River	Yankton, S. Dak.	279,500[b]	4/39-12/39	73	03:3-5vo	g/l	T/dy.	(128)
	do.	279,500[b]	4/39-12/39	190	Bl:ls	g/l	T/dy.	(128)
	do.	279,500[b]	1/40-12/40	66	03:3-5vo	g/l	T/dy.	(128)
	do.	279,500[b]	1/40-12/40	184	Bl:ls	g/l	T/dy.	(128)
	do.	279,500[b]	1/41-12/41	70	03:3-5vo	g/l	T/dy.	(128)
	do.	279,500[b]	1/41-12/41	228	Bl:ls	g/l	T/dy.	(128)
	do.	279,500[b]	1/42-12/42	113	03:3-5vo	g/l	T/dy.	(128)
	do.	279,500[b]	1/42-12/42	217	Bl:ls	g/l	T/dy.	(128)
	do.	279,500[b]	1/43-12/43	89	03:3-5vo	g/l	T/dy.	(128)
	do.	279,500[b]	1/43-12/43	126	Bl:ls	g/l	T/dy.	(128)
	do.	279,500[b]	1/44-12/44	92	03:3-5vo	g/l	T/dy.	(128)
	do.	279,500[b]	1/44-12/44	197	Bl:ls	g/l	T/dy.	(128)
	do.	279,500[b]	1/45-12/45	103 7/	03:3-5vod	g/l	T/dy.	(128)
	do.	279,500[b]	1/45-12/45	171	Bl:ls	g/l	T/dy.	(128)
	do.	279,500[b]	1/46-5/46	93	Bl:ls	g/l	T/dy.	(128)
	do.	279,500[b]	2/46-11/46	75	03:3-5vd	g/l	T/dy.	(128)
Missouri River	Sioux City, Iowa.	314,600[b]	8/10/29-11/16/29	163	Bl:ls	ppm	T/mo.	(110)
	do.	314,600[b]	3/20/30-11/30/30		Bl:ls	ppm	T/mo.	(110)
	do.	314,600[b]	10/21/30-5/5/32	---	---	ppm	---	(145)
	do.	314,600[b]	7/46	5	P16I3:1p1	g/l	T/dy.	(128)
Missouri River	Florence, Nebr.	---	10/1/06-10/14/07	36	Bl:l	ppm	---	(26)

1/ Approximate. Sampling Station moved progressively upstream as reservoir filled with water.
2/ Observations made daily during periods of high discharge, otherwise weekly.
3/ Includes 57 observations with Straub sampler, 4 verticals at 2 points in vertical.
4/ Information regarding number of verticals and number of points in verticals not available.
5/ Includes 150 observations with Straub sampler, 4 verticals at 2 points in vertical.
6/ In addition, 23 observations with D-43 sampler, 3 verticals; and 7 observations with P-46 sampler, 3 verticals at 5 points in vertical.
7/ In addition, 58 observations with D-43 sampler, 3 verticals.

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Missouri River Main Stem (cont'd)								
Missouri River	Omaha, Nebr.	322,800[b]	3/19/30-4/30/32	794 [8/]	Bl:ls	ppm	T/mo.	(110)
	do.	322,800[b]	4/39-12/39	68	03:3-5vo	g/l	T/dy.	(128)
	do.	322,800[b]	4/39-12/39	189	Bl:le	g/l	T/dy.	(128)
	do.	322,800[b]	1/40-12/40	56	03:3-5vo	g/l	T/dy.	(128)
	do.	322,800[b]	1/40-12/40	213	Bl:ls	g/l	T/dy.	(128)
	do.	322,800[b]	1/41-12/41	65	03:3-5vo	g/l	T/dy.	(128)
	do.	322,800[b]	1/41-12/41	220	Bl:ls	g/l	T/dy.	(128)
	do.	322,800[b]	1/42-12/42	73	03:3-5vo	g/l	T/dy.	(128)
	do.	322,800[b]	1/42-12/42	212	Bl:ls	g/l	T/dy.	(128)
	do.	322,800[b]	1/43-12/43	85	03:3-5vo	g/l	T/dy.	(128)
	do.	322,800[b]	1/43-12/43	204 [9/]	Bl:ls	g/l	T/dy.	(128)
	do.	322,800[b]	1/44-12/44	70	03:3-5vo	g/l	T/dy.	(128)
	do.	322,800[b]	1/44-12/44	201	Bl:ls	g/l	T/dy.	(128)
	do.	322,800[b]	1/45-12/45	118	03:3-5vd	g/l	T/dy.	(128)
	do.	322,800[b]	1/45-12/45	160 [10/]	Bl:ls	g/l	T/dy.	(128)
	do.	322,800[b]	1/46-12/46	133	03:3-5vd	g/l	T/dy.	(128)
	do.	322,800	1/46-5/46	34 [11/]	Bl:ls	g/l	T/dy.	(128)
Missouri River	Above Platte River, Nebr.	---	8/31	---	---	---	---	(110)
Missouri River	Below Platte River, Nebr.	---	8/31	---	---	---	---	(110)
Missouri River	Plattsmouth, Nebr.	414,000	3/21/30-11/30/30	615 [12/]	Bl:ls	ppm	T/mo.	(110)
	do.	414,000[b]	7/6/31-4/30/32		Bl:ls	ppm	T/mo.	(110)
Missouri River	Leavenworth, Kans.	428,000	8/2/29-8/31/31	932 [13/]	Bl:ls	ppm	T/mo.	(110)
Missouri River	(Northeast Sta.) Kansas City, Mo.	489,200[b]	10/4/06-10/21/07	39	Bl:l	ppm	T/dy.	(94)
	do.	489,200[b]	5/12/29-8/12/30	408	Bl:ls	ppm	T/mo.	(110)
Missouri River	At Milwaukee Bridge, Kansas City, Mo.	489,200[b]	9/18/30-10/10/30	28	S4:2v	ppm	T/mo.	(110)
Missouri River	At A.S.B. Bridge, Kansas City, Mo.	489,900	5/8/29-7/22/32	1,825	S4:2v	ppm	T/mo.	(110)
Missouri River	Sugar Creek, Mo.	---	5/13/29-8/12/30	420	Bl:ls	---	---	(110)
Missouri River	Waverly, Mo.	491,200[b]	5/26/30-7/1/30	65	Bl:ls	---	---	(110)
Missouri River	Boonville, Mo.	505,700[b]	7/15/29-11/30/30	499	Bl:ls	ppm	T/mo.	(110)
Missouri River	Hermann, Mo.	528,200[b]	9/8/30-11/21/30	101	S4:2v	---	---	(110)
Missouri River	New Haven, Mo.	---	10/21/31-12/4/31	12	---	ppm	---	(145)
Missouri River	St. Charles, Mo.	---	2/1/79-10/31/79	273	Msb	ppm	lb./sec.	(141)
	do.	---	8/28/30-2/28/31	44	MPC8:3v	ppm	lb./sec.	(142)
	do.	---	12/11/31-12/5/32	225	---	ppm	---	(145)
Missouri River	Howard Bend, Mo.	529,000[b]	6/10/29-7/31/32	988	Bl:ls	ppm	T/mo.	(110)
Missouri River	Ruegg, Mo.	529,000[b]	9/27/06-10/6/07	36	Bl:l	ppm	---	(26)
Missouri River	St. Louis, Mo.	---	6/19/29-8/3/29	37	Bl:ls	---	---	(110)
Madison River Basin								
Madison River	Three Forks, Mont.	2,485[b]	3/30-9/30	---	---	---	---	(110)
	do.	2,485[b]	3/19/31-9/30/31	179	Bl:ls	ppm	T	(110)
Gallatin River Basin								
Gallatin River	Logan, Mont.	1,805[b]	3/10/31-9/30/31	203	Bl:le	ppm	T	(110)
Marias River Basin								
Marias River	Loma, Mont.	9,160	3/24/30-11/30/30	328	Bl:ls	ppm	T/mo.	(110)
	do.	9,160	4/6/31-8/31/31		Bl:ls	ppm	T/mo.	(110)
Musselshell River Basin								
Musselshell River	Mosby, Mont.	8,010[b]	4/1/30-11/30/30	157	Bl:ls	ppm	T/mo.	(110)
Big Dry Creek Basin								
Big Dry Creek	Near Fort Peck, Mont.	3,887	4/29/38-7/9/38	13 weekly	KC13:1-5v	g/l	---	(116)
Milk River Basin								
Milk River	Havre, Mont.	5,707[b]	4/7/05-4/14/06	21	Bl:l	mg/l	T/dy.	(102)
	do.	5,707[b]	1/12/30-11/30/30	252	Bl:ls	ppm	T	(110)
	do.	5,707[b]	4/11/31-7/31/31		Bl:ls	ppm	T	(110)
Milk River	Glasgow, Mont.	22,800	6/14/37-11/6/37	34 [2/]	KC13:1-5v	g/l	---	(116)
	do.	22,800	4/28/38-11/6/38	34 [2/]	KC13:1-5v	g/l	---	(116)
	do.	22,800	6/6/38-10/8/39	48 [2/]	KC13:1-5v	g/l	---	(116)
	do.	22,800	5/28/40-10/4/40	45 [2/]	KC13:1-5v	g/l	---	(116)
Milk River	Nashua, Mont.	23,300[b]	4/8/30-11/30/30	324	Bl:ls	ppm	T/mo.	(110)
	do.	23,300[b]	3/16/31-8/31/31		Bl:ls	ppm	T/mo.	(110)
Yellowstone River Basin								
Yellowstone River	Near Livingston, Mont.	3,580[b]	5/38-12/38	31	Bl:ls	g/l	T/dy.	(116)
Yellowstone River	Billinge, Mont.	11,180[b]	5/20/05-11/24/05	15	Bl:l	mg/l	T/dy.	(102)
	do.	11,180[b]	9/14/31-9/17/31	4	S4:2v	---	---	(110)
Yellowstone River	Glendive, Mont.	65,900[b]	3/28/05-4/21/06	32	Bl:l	mg/l	T/dy.	(102)
	do.	65,900[b]	9/19/29-11/30/30	380	Bl:ls	ppm	T/mo.	(110)
Yellowstone River	Near Sidney, Mont.	69,450[b]	6/37-11/37	41	S [4/]	g/1000 cc.	T/dy.	(118)
	do.	69,450[b]	6/38-11/38	42	03:3-5vo	g/l	T/dy.	(118)
	do.	69,450[b]	4/39-11/39	67	03:3-5vo	g/l	T/dy.	(118)
	do.	69,450[b]	4/40-11/40	65	03:3-5vo	g/l	T/dy.	(118)
	do.	69,450[b]	4/41-12/41	73	03:3-5vo	g/l	T/dy.	(118)
	do.	69,450[b]	4/42-10/42	78	03:3-5vo	g/l	T/dy.	(118)
	do.	69,450[b]	4/43-12/43	82	03:3-5vo	g/l	T/dy.	(118)
	do.	69,450[b]	1/44-12/44	67	03:3-5vo	g/l	T/dy.	(118)
	do.	69,450[b]	4/45-11/45	62	03:3-5vo	g/l	T/dy.	(118)
	do.	69,450[b]	5/46-10/46	46 [14/]	03:3-5vd	g/l	T/dy.	(118)
Yellowstone River	Fairview, Mont.	---	5/16/31-11/16/31	224 [15/]	Bl:le	ppm	T	(110)
Rosebud Creek	Near Absarokee, Mont.	---	5/38-12/38	35	Bl:ls	g/l	T/dy.	(116)
	do.	---	1/39-3/39	12	Bl:ls	g/l	T/dy.	(116)

2/ Observations made daily during periods of high discharge, otherwise weekly.
4/ Information regarding number of verticals and number of points in verticals not available.
8/ Includes 164 observations with Straub sampler, 4 verticals at 2 points in vertical.
9/ In addition, 45 observations with D-43 sampler, 3 verticals.
10/ In addition, 65 observations with D-43 sampler, 3 verticals; and 15 observations with P-43 sampler, 3 verticals at 5 points in vertical.
11/ In addition, 78 observations with D-43 sampler, 3 verticals; and 12 observations with P-46 sampler, 3 verticals at 5 points in vertical.
12/ Includes 125 observations with Straub sampler, 4 verticals at 2 points in vertical.
13/ Includes 284 observations with Straub sampler, 4 verticals at 2 points in vertical.
14/ In addition, 3 observations with D-43 sampler, 3 verticals.
15/ Includes 60 observations with Straub sampler, 4 verticals at 2 points in vertical.

Part 6

MISSOURI RIVER BASIN

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Yellowstone River Basin (cont'd)								
Wind River	At Riverton, Wyo.	2,320[b]	3/40-12/40	40	Bl:ls	g/l	T/dy.	(116)
	do.	2,320[b]	3/41-12/41	36	Bl:ls	g/l	T/dy.	(116)
	do.	2,320[b]	3/42-12/43	78 2/	03:3-5vc	g/l	T/dy.	(116)
	do.	2,320[b]	3/44-12/44	37	03:3-5vc	g/l	T/dy.	(116)
	do.	2,320	3/45-12/45	36	03:3-5vc	g/l	T/dy.	(116)
	do.	2,320[b]	2/46-4/46	9	03:3-5vc	g/l	T/dy.	(116)
Big Horn River	At Thermopolis, Wyo.	8,080[b]	6/38-8/38	5	03:3-5vc	g/l	T/dy.	(116)
	do.	8,080[b]	3/39-6/46	656 2/	03:3-5vc 16/	g/l	T/dy.	(116)
	do.	8,080[b]	3/46-	17/	DiI 18/	ppm	T/dy.	(160)
Big Horn River	At Manderson, Wyo.	11,900[b]	3/46-	17/	DiI 18/	ppm	T/dy.	(160)
Big Horn River	At Kane, Wyo.	15,900[b]	3/40-11/40	34	03:3-5vc 16/	g/l	T/dy.	(116)
	do.	15,900[b]	3/41-12/41	42	03:3-5vc 16/	g/l	T/dy.	(116)
	do.	15,900[b]	3/42-10/42	33	03:3-5vc 16/	g/l	T/dy.	(116)
	do.	15,900[b]	4/43-11/43	16	03:3-5vc 16/	g/l	T/dy.	(116)
	do.	15,900[b]	1/44-12/44	26	03:3-5vc 16/	g/l	T/dy.	(116)
	do.	15,900[b]	4/45-12/45	25	03:3-5vc 16/	g/l	T/dy.	(116)
	do.	15,900[b]	3/46-4/46	4	03:3-5vc 16/	g/l	T/dy.	(116)
	do.	15,900[b]	3/46-	17/	DiI 18/	ppm	T/dy.	(160)
Big Horn River	At St. Xavier, Mont.	19,630	5/38-11/38	92	03:3-5vc 16/	g/l	T/dy.	(116)
	do.	19,630	3/39-12/39	46	03:3-5vc 16/	g/l	T/dy.	(116)
	do.	19,630	1/40-11/40	41	03:3-5vc 16/	g/l	T/dy.	(116)
	do.	19,630	2/41-12/41	42	03:3-5vc	g/l	T/dy.	(116)
	do.	19,630	3/42-10/42	32	03:3-5vc	g/l	T/dy.	(116)
	do.	19,630	5/43-12/43	31	03:3-5vc	g/l	T/dy.	(116)
	do.	19,630	4/44-12/44	34	03:3-5vc	g/l	T/dy.	(116)
	do.	19,630	3/45-12/45	35	03:3-5vc	g/l	T/dy.	(116)
	do.	19,630	3/46-4/46	7	03:3-5vc	g/l	T/dy.	(116)
Big Horn River	Hardin, Mont.	20,700[b]	{9/20/29-11/30/30}	346	Bl:ls	ppm	T	(110)
	do.	20,700[b]	{9/21/31-9/24/31}		Bl:ls	ppm	T	(110)
Big Horn River	Fort Custer, Mont.	20,700[b]	6/10/05-6/8/06	30	Bl:l	mg/l	T/dy.	(102)
Big Horn River	Near Custer, Mont.	---	6/46-	17/	DiI 18/	ppm	T/dy.	(160)
Five Mile Creek	Near Shoshoni, Wyo.	368[b]	8/39-11/39	6	01-3:3-5vc	g/l	T/dy.	(116)
	do.	368[b]	9/39	6	Bl:ls	g/l	T/dy.	(116)
Teapot Draw	At Shoshoni Bridge, Wyo.	---	11/39-12/39	11	Bl:ls	g/l	T/dy.	(116)
	do.	---	1/40-10/40	81	Bl:ls	g/l	T/dy.	(116)
Owl Creek	Anchor, Wyo.	---	9/11/41-11/8/41	6	l:lv	ppm	---	(155)
Owl Creek	Thermopolis, Wyo.	484[b]	9/8/41-11/8/41	6	l:lv	ppm	---	(155)
Paintrock Creek	Hyattville, Wyo.	164[b]	9/9/41-4/2/42	4	l:lv	ppm	---	(155)
Paintrock Creek	Bonanza, Wyo.	398[b]	9/9/41-4/2/42	4	l:lv	ppm	---	(155)
Greybull River	At Meeteetsee, Wyo.	690[b]	4/38-12/38	38	Bl:ls	g/l	T/dy.	(116)
	do.	690[b]	1/39-3/39	12	Bl:ls	g/l	T/dy.	(116)
Shoshone River	Cody, Wyo.	1,480	4/2/05-3/30/06	46	Bl:l	mg/l	T/dy.	(102)
Shoshone River	Near Kane, Wyo.	2,930	3/40-11/40	34	03:3-5vc	g/l	T/dy.	(116)
	do.	2,930	2/41/12/41	42	03:3-5vc	g/l	T/dy.	(116)
	do.	2,930	3/42-10/42	32	03:3-5vc 16/	g/l	T/dy.	(116)
	do.	2,930	5/43-11/43	12	03:3-5vc 16/	g/l	T/dy.	(116)
	do.	2,930	4/44-12/44	25	03:3-5vc 16/	g/l	T/dy.	(116)
	do.	2,930	4/45-12/45	25	03:3-5vc 16/	g/l	T/dy.	(116)
	do.	2,930	3/46-4/46	4	03:3-5vc 16/	g/l	T/dy.	(116)
Tongue River	Near Miles City, Mont.	---	6/46-	17/	DiI 18/	ppm	T/dy.	(160)
S. Fk. Powder River	Near Kaycee, Wyo.	1,150[b]	5/38-9/38	14	03:3-5vc	g/l	T/dy.	(116)
	do.	1,150[b]	5/38-12/38	35	Bl:ls	g/l	T/dy.	(116)
	do.	1,150[b]	1/39-12/39	65	Bl:ls	g/l	T/dy.	(116)
	do.	1,150[b]	3/39-9/39	8	03:3-5vc	g/l	T/dy.	(116)
	do.	1,150	1/40-3/40	8	Bl:ls	g/l	T/dy.	(116)
Powder River	At Arvada, Wyo.	6,050[b]	5/38-6/38	2	03:3-5vc	g/l	T/dy.	(116)
	do.	6,050[b]	4/46-	17/	DiI 18/	ppm	T/dy.	(160)
Powdsr River	At Moorhead, Mont.	8,050	4/38-10/38	17	03:3-5vc	g/l	T/dy.	(116)
	do.	8,050	6/38-12/38	36	Bl:ls	g/l	T/dy.	(116)
	do.	8,050	3/39-12/45	335	03:3-5vc 16/	g/l	T/dy.	(116)
	do.	8,050	1/46-4/46	7	03:3-5vc 16/	g/l	T/dy.	(116)
Middle Fk. Powder River	Near Kaycee, Wyo.	980[b]	5/38-9/38	14	03:3-5vc	g/l	T/dy.	(116)
	do.	980[b]	5/38-12/38	35	Bl:ls	g/l	T/dy.	(116)
	do.	980[b]	3/39-5/39	5	03:3-5vc	g/l	T/dy.	(116)
	do.	980[b]	3/39-12/39	37	Bl:ls	g/l	T/dy.	(116)
	do.	980[b]	1/40	2	Bl:ls	g/l	T/dy.	(116)
Clear Creek	Near Buffalo, Wyo.	120[b]	4/38-12/38	34	Bl:ls	g/l	T/dy.	(116)
	do.	120[b]	2/39-3/39	2	Bl:ls	g/l	T/dy.	(116)
Little Missouri River Basin								
Little Missouri	Near Alzada, Mont.	780[b]	5/38-11/38	46	Bl:ls	g/l	T/dy.	(118)
	do.	780[b]	3/39-12/39	58	Bl:ls	g/l	T/dy.	(118)
	do.	780[b]	5/39-9/39	5	03:3-5vc	g/l	T/dy.	(118)
	do.	780[b]	1/40-12/40	79	Bl:ls	g/l	T/dy.	(118)
	do.	780[b]	1/41-3/41	14	Bl:ls	g/l	T/dy.	(118)
	do.	780[b]	10/9/41-4/14/43	10	l:lv	ppm	---	(155)
Little Missouri River	Medora, N. Dak.	6,190[b]	{9/19/29-11/30/29}		Bl:ls	ppm	T/mo.	(110)
	do.	6,190[b]	{2/1/30-11/30/30}	391	Bl:ls	ppm	T/mo.	(110)
	do.	6,190[b]	{4/1/31-7/31/31}		Bl:ls	ppm	T/mo.	(110)
	do.	6,190	3/46-	17/	DiI3:ldi	ppm	T/dy.	(160)
Little Missouri River	Near Watford City, N.Dak	8,490[b]	10/9/41-9/7/42	6	l:lv	ppm	---	(155)
Little Beaver Creek	Near Marmarth, N. Dak.	633[b]	5/38-12/38	54	Bl:ls	g/l	T/dy.	(118)
	do.	633[b]	5/39-9/39	5	03:3-5vc	g/l	T/dy.	(118)
	do.	633[b]	1/39-12/39	84	Bl:ls	g/l	T/dy.	(118)
	do.	633[b]	1/40-12/40	67	Bl:ls	g/l	T/dy.	(118)
	do.	633[b]	1/41	4	Bl:ls	g/l	T/dy.	(118)

2/ Observations made daily during periods of high discharge, otherwise weekly.
16/ Also, Bl:ls.
17/ Minimum of 1 per day with 2 to 4 per day during changing stages.
18/ Integrated samples at one vertical, supplemented by 3 to 4 at verticals representing points of equal discharge 2 to 4 times monthly and during floods.

Part 6

MISSOURI RIVER BASIN

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Little Missouri River Basin (cont'd)								
Beaver Creek	At Wibaux, Mont.	---	4/38-12/38	45	Bl:ls	g/l	T/dy.	(118)
	do.	---	1/39-9/39	6	03:3-5vo	g/l	T/dy.	(118)
	do.	---	1/39-12/39	55	Bl:ls	g/l	T/dy.	(118)
	do.	---	1/40-6/40	18	Bl:ls	g/l	T/dy.	(118)
Knife River Basin								
Knife River	Near Golden Valley, N. Dak.	1,230[b]	6/13/41-11/3/42	9	1:lv	ppm	---	(155)
	do.	1,230[b]	4/6/43-9/14/45	9	1:lv	ppm	---	(155)
	do.	1,230[b]	3/46-	17/	Dio 18/	ppm	T/dy.	(160)
Knife River	Hazen, N. Dak.	2,352[b]	4/10/31-7/31/31	122	Bl:ls	ppm	T	(110)
	do.	2,352[b]	6/12/41-4/1/44	11	1:lv	ppm	---	(155)
	do.	2,352[b]	6/46-	17/	DiI 18/	ppm	T/dy.	(160)
Spring Creek	At Beulah, N. Dak.	---	4/10/41-3/6/42	2	1:lv	ppm	---	(155)
Heart River Basin								
Heart River	At Dickinson Damsite, N. Dak.	405	7/21/45-9/45	3	1:lv	ppm	---	(155)
Heart River	Near Dickinson, N. Dak.	---	6/46-	17/	DiI 18/	ppm	T/dy.	(160)
Heart River	Near Richardton, N. Dak.	1,310[b]	3/46-	17/	DiI 18/	ppm	T/dy.	(160)
Heart River	At State Hwy. 49, N. Dak.	1,750	10/9/41-11/4/42	6	1:lv	ppm	---	(155)
Heart River	At Heart Butte, N. Dak.	1,750	6/12/41-12/1/45	3	1:lv	ppm	---	(155)
Heart River	Glen Ullin, N. Dak.	1,750	4/7/43-6/9/45	8	1:lv	ppm	---	(155)
Heart River	Near Mandan, N. Dak.	3,362[b]	4/6/31-7/31/31	124	Bl:ls	---	---	(110)
	do.	3,362[b]	6/13/41-4/2/44	13	1:lv	ppm	---	(155)
Cannonball River Basin								
Cannonball River	Near New Leipzig, N. Dak.	1,260[b]	5/46-	17/	DiI 18/	ppm	T/dy.	(160)
Cannonball River	Timmer, N. Dak.	3,650[b]	4/6/31-7/31/31	125	Bl:ls	ppm	T/mo.	(110)
Cannonball River	Breien, N. Dak.	4,066[b]	4/10/41-9/1/45	15	1:lv	ppm	---	(155)
Cedar Creek	Near Pretty Rock, N. Dak.	1,260[b]	5/46-	17/	DiI 18/	ppm	T/dy.	(160)
Cedar Creek	Keldron, S. Dak.	---	3/16/45-9/20/45	3	1:lv	ppm	---	(155)
Grand River Basin								
Grand River	At Shadehill, S. Dak.	3,120[b]	10/9/41-9/20/45	19	1:lv	ppm	---	(155)
	do.	3,120[b]	3/46-	17/	DiI 18/	ppm	T/dy.	(160)
Grand River	Near Wakpala, S. Dak.	5,510[b]	3/1/31-7/31/31	154	Bl:ls	ppm	T/mo.	(110)
	do.	5,510[b]	10/10/41-4/20/43	9	1:lv	ppm	---	(155)
Moreau River Basin								
Moreau River	Near Faith, S. Dak.	2,660[b]	9/19/42-5/7/45	4	1:lv	ppm	---	(155)
	do.	2,660[b]	8/46-	17/	DiI 18/	ppm	T/dy.	(160)
Moreau River	Near Eagle Butte, S. Dak.	4,320[b]	10/10/41-11/7/42	8	1:lv	ppm	---	(155)
Moreau River	At Promise, S. Dak.	5,223[b]	2/8/31-7/31/31	125	Bl:ls	ppm	T/mo.	(110)
Moreau River	do.	5,223[b]	10/10/41-4/8/44	9	1:lv	ppm	---	(155)
Rabbit Creek	Near Faith, S. Dak.	---	7/3/45-7/3/46	2	1:lv	ppm	---	(155)
Cheyenne River Basin								
Cheyenne River	Near Hot Springs, S. Dak.	8,710[b]	8/13/41-10/15/43	15	1:lv	ppm	---	(155)
	do.	8,710[b]	11/9/42-4/16/43	2	1:lv	ppm	---	(155)
	do.	8,710[b]	4/46-	17/	DiI3:1di	ppm	T/dy.	(160)
Cheyenne River	Near Wasta, S. Dak.	12,800[b]	6/16/42-5/15/45	6	1:lv	ppm	---	(155)
Cheyenne River	Bridger, S. Dak.	---	10/15/29-12/31/29	38	Bl:ls	---	---	(110)
Cheyenne River	Near Eagle Butte, S. Dak.	24,500[b]	12/2/41-4/19/43	9	1:lv	ppm	---	(155)
Cheyenne River	Carlin, S. Dak.	25,500	8/12-31/29	550	Bl:ls	ppm	T/mo.	(110)
	do.	25,500	10/1-24/29		Bl:ls	ppm	T/mo.	(110)
	do.	25,500	12/21/30-11/30/30		Bl:ls	ppm	T/mo.	(110)
	do.	25,500	2/22/31-8/31/31		Bl:ls	ppm	T/mo.	(110)
Beaver Creek	Newcastle, Wyo.	1,320[b]	4/15/43-9/20/45	8	1:lv	ppm	---	(155)
Belle Fourche River	At Hulett, Wyo.	2,800[b]	6/38-9/38	8	03:3-5vc	g/l	T/dy.	(116)
	do.	2,800[b]	4/38-12/38	37	Bl:ls	g/l	T/dy.	(116)
	do.	2,800[b]	1/39-12/39	53	Bl:ls	g/l	T/dy.	(116)
	do.	2,800[b]	3/39-9/39	13	03:3-5vo	g/l	T/dy.	(116)
	do.	2,800[b]	2/40-7/40	29	Bl:ls	g/l	T/dy.	(116)
Belle Fourche River	Belle Fourche, S. Dak.	3,250[b]	4/15/05-6/23/06	40	Bl:l	mg/l	T/dy.	(102)
	do.	3,250[b]	7/27/06-11/13/06	16	Bl:l	mg/l	T/dy.	(102)
Belle Fourche River	Near Elm Springs, S. Dak.	7,210[b]	10/12/43-10/5/45	9	1:lv	ppm	---	(155)
Redwater River	Belle Fourche, S. Dak.	1,048[b]	4/9/05-6/23/06	40	Bl:l	mg/l	T/dy.	(102)
Bad River Basin								
Bad River	Near Fort Pierre, S. Dak.	3,107[b]	2/23/31-7/20/31	147	Bl:ls	ppm	T/mo.	(110)
	do.	3,107[b]	6/46-7/46	3	01:3vd	g/l	T/dy.	(128)
N. Fk. Bad River	At Philip, S. Dak.	164[b]	5/39-6/39	7	Bl:ls	g/l	T/dy.	(128)
	do.	164[b]	4/40	1	Bl:ls	g/l	T/dy.	(128)
	do.	164[b]	4/41-6/41	8	Bl:ls	g/l	T/dy.	(128)
White River Basin								
White River	Near Chadron, Nebr.	750[b]	5/39-12/39	38	Bl:ls	g/l	T/dy.	(128)
	do.	750[b]	1/40-12/40	51	Bl:ls	g/l	T/dy.	(128)
	do.	750[b]	1/41-12/41	51	Bl:ls	g/l	T/dy.	(128)
	do.	750[b]	1/42-12/42	53	Bl:ls	g/l	T/dy.	(128)
	do.	750[b]	1/43-12/43	49	Bl:ls	g/l	T/dy.	(128)
	do.	750[b]	1/44-12/44	48	Bl:ls	g/l	T/dy.	(128)
	do.	750[b]	1/45-12/45	49	Bl:ls	g/l	T/dy.	(128)
	do.	750[b]	1/46-3/46	9	Bl:ls	g/l	T/dy.	(128)
White River	Near Oglala, S. Dak.	2,200[b]	6/24/45-9/12/45	9	1:lv	ppm	---	(155)
White River	Rockyford, S. Dak.	2,660	11/40-11/8/42	10	1:lv	ppm	---	(155)
White River	Near Kadoka, S. Dak.	5,000[b]	11/40-5/31/43	4	1:lv	ppm	---	(155)
White River	Near Oacoma, S. Dak.	10,200[b]	8/17-31/29	231	Bl:ls	ppm	T/mo.	(110)
	do.	10,200[b]	10/9-31/29		Bl:ls	ppm	T/mo.	(110)
	do.	10,200[b]	7/29/30-10/15/30		Bl:ls	ppm	T/mo.	(110)
	do.	10,200[b]	3/1/31-7/31/31		Bl:ls	ppm	T/mo.	(110)
	do.	10,200[b]	5/39-12/39	39	Bl:ls	g/l	T/dy.	(128)
	do.	10,200[b]	1/40-12/40	29	Bl:ls	g/l	T/dy.	(128)
	do.	10,200[b]	1/41-12/41	58	Bl:ls	g/l	T/dy.	(128)

17/ Minimum of 1 per day with 2 to 4 per day during changing stages.
18/ Integrated samples at one vertical, supplemented by 3 to 4 samples at verticals representing points of equal discharge 2 to 4 times monthly and during floods.

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
White River Basin (cont'd)								
White River	Near Cacoma, S. Dak.	10,200[b]	10/11/41-10/27/42	9	1:1v	ppm	---	(155)
	do.	10,200[b]	1/42-5/42	19	Bl:1s	g/1	T/dy.	(128)
	do.	10,200[b]	3/44-12/44	40	Bl:1s	g/1	T/dy.	(128)
	do.	10,200[b]	1/45-12/45	84	Bl:1s	g/1	T/dy.	(128)
	do.	10,200[b]	1/46-12/46	127	Bl:1s	g/1	T/dy.	(128)
S. Fk. White River	At White River, S. Dak.	1,420[b]	10/11/41-11/8/42	9	1:1v	ppm	---	(155)
Niobrara River Basin								
Niobrara River	Valentine, Nebr.	6,160[b]	4/1/31-10/30/31	214	Bl:1s	ppm	T	(110)
Niobrara River	Spencer, Nebr.	10,400[b]	4/1/31-11/4/31	214	Bl:1s	ppm	T	(110)
Niobrara River	Verdel, Nebr.	12,300[a]	7/26/29-11/30/30	637	Bl:1s	ppm	T/mo.	(110)
	do.	12,300[a]	4/1/31-10/31/31		Bl:1s	ppm	T/mo.	(110)
James River Basin								
James River	Scotland, S. Dak.	21,550[b]	8/18/29-11/20/29	261	Bl:1s	ppm	T/mo.	(110)
	do.	21,550[b]	3/10/30-11/25/30		Bl:1s	ppm	T/mo.	(110)
Big Sioux River Basin								
Big Sioux River	At Akron, Iowa.	8,851[b]	8/16/29-11/22/29	374	Bl:1s	ppm	T/mo.	(110)
	do.	8,851[b]	2/22/30-11/30/30		Bl:1s	ppm	T/mo.	(110)
	do.	8,851[b]	4/40-12/40	31	03:3-5vc	g/1	T/dy.	(128)
	do.	8,851[b]	3/41-5/41	9	03:3-5vc	g/1	T/dy.	(128)
	do.	8,851[b]	7/41-12/41	19	03:3-5vc	g/1	T/dy.	(128)
	do.	8,851[b]	3/42-12/42	35 [19]	03:3-5vc	g/1	T/dy.	(128)
	do.	8,851[b]	1/43-12/43	26	03:3-5vc	g/1	T/dy.	(128)
	do.	8,851[b]	1/44-12/44	37	03:3-5vc	g/1	T/dy.	(128)
	do.	8,851[b]	1/45-12/45	17 [20]	03:3-5vd	g/1	T/dy.	(128)
	do.	8,851[b]	1/46-11/46	29	03:3-5vd	g/1	T/dy.	(128)
Perry Creek Basin								
Perry Creek	At Sioux City, Iowa.	60[b]	4/39-8/39	14	Bl:1s	g/1	T/dy.	(128)
	do.	60[b]	3/40-8/40	13	Bl:1s	g/1	T/dy.	(128)
	do.	60	2/41-7/41	9	Bl:1s	g/1	T/dy.	(128)
Little Sioux River Basin								
Little Sioux River	At Correctionville, Iowa.	2,450[b]	8/12/29-11/30/29	376	Bl:1s	ppm	T/mo.	(110)
	do.	2,450[b]	2/12/30-11/30/30		Bl:1s	ppm	T/mo.	(110)
	do.	2,450[b]	4/39-10/39	16	01-3:3-5vc	g/1	T/dy.	(128)
	do.	2,450[b]	4/39-12/39	61	Bl:1s	g/1	T/dy.	(128)
	do.	2,450[b]	4/40-11/40	14	01-3:3-5vc	g/1	T/dy.	(128)
	do.	2,450[b]	1/40-12/40	44	Bl:1s	g/1	T/dy.	(128)
	do.	2,450[b]	1/41-6/41	21	Bl:1s	g/1	T/dy.	(128)
	do.	2,450[b]	3/41-6/41	4	01-3:3-5vc	g/1	T/dy.	(128)
Little Sioux River	Near Kennebec, Iowa.	2,730[b]	4/39-11/39	19	01-3:3-5vc	g/1	T/dy.	(128)
	do.	2,730[b]	4/39-12/39	61	Bl:1s	g/1	T/dy.	(128)
	do.	2,730[b]	1/40-12/40	56	Bl:1s	g/1	T/dy.	(128)
	do.	2,730[b]	4/40-11/40	17	01-3:3-5vc	g/1	T/dy.	(128)
	do.	2,730[b]	1/41-12/41	61	Bl:1s	g/1	T/dy.	(128)
	do.	2,730[b]	3/41-12/41	30	01-3:3-5vc	g/1	T/dy.	(128)
	do.	2,730[b]	1/42-12/42	52	Bl:1s	g/1	T/dy.	(128)
	do.	2,730[b]	3/42-11/42	39	01-3:3-5vc	g/1	T/dy.	(128)
	do.	2,730[b]	1/43-12/43	59	Bl:1s	g/1	T/dy.	(128)
	do.	2,730[b]	3/43-12/43	39 [21]	01-3:3-5vc	g/1	T/dy.	(128)
	do.	2,730[b]	1/44-11/44	35	01-3:3-5vc	g/1	T/dy.	(128)
	do.	2,730[b]	1/44-12/44	64	Bl:1s	g/1	T/dy.	(128)
	do.	2,730[b]	1/45-11/45	25 [22]	01-3:3-5vd	g/1	T/dy.	(128)
	do.	2,730[b]	1/45-12/45	57	Bl:1s	g/1	T/dy.	(128)
	do.	2,730[b]	2/46-12/46	34	01-3:3-5vd	g/1	T/dy.	(128)
	do.	2,730[b]	2/46-12/46	33	Bl:1s	g/1	T/dy.	(128)
Little Sioux River	Near Turin, Iowa.	4,460[b]	1/43-12/43	67	Bl:1s	g/1	T/dy.	(128)
	do.	4,460[b]	2/43-12/43	38 [23]	01-2:3-5vc	g/1	T/dy.	(128)
	do.	4,460[b]	1/44-12/44	33	01-2:3-5vc	g/1	T/dy.	(128)
	do.	4,460[b]	1/44-12/44	58	Bl:1s	g/1	T/dy.	(128)
	do.	4,460[b]	1/45-12/45	67	Bl:1s	g/1	T/dy.	(128)
	do.	4,460[b]	3/45-10/45	36 [24]	01-2:3-5vd	g/1	T/dy.	(128)
	do.	4,460[b]	1/46-12/46	98	Bl:1s	g/1	T/dy.	(128)
	do.	4,460[b]	3/46-12/46	33	01-2:3-5vd	g/1	T/dy.	(128)
Little Sioux River	Near Blencoe, Iowa.	4,470	4/39-8/39	14	01-2:3-5vc	g/1	T/dy.	(128)
	do.	4,470	4/39-12/39	57	Bl:1s	g/1	T/dy.	(128)
	do.	4,470	1/40-12/40	40	Bl:1s	g/1	T/dy.	(128)
	do.	4,470	4/40-11/40	11	01-2:3-5vc	g/1	T/dy.	(128)
	do.	4,470	1/41-12/41	51	Bl:1s	g/1	T/dy.	(128)
	do.	4,470	3/41-12/41	25	01-2:3-5vc	g/1	T/dy.	(128)
	do.	4,470	1/42-12/42	53	Bl:1s	g/1	T/dy.	(128)
	do.	4,470	3/42-11/42	32	01-2:3-5vc	g/1	T/dy.	(128)
Maple River	At Mapleton, Iowa.	661[b]	11/41-12/41	3	01-3:3-5vc	g/1	T/dy.	(128)
	do.	661[b]	11/41-12/41	10	Bl:1s	g/1	T/dy.	(128)
	do.	661[b]	1/42-12/42	54	Bl:1s	g/1	T/dy.	(128)
	do.	661[b]	3/42-9/42	17	01-3:3-5vc	g/1	T/dy.	(128)
	do.	661[b]	1/43-9/43	18 [25]	01-3:3-5vc	g/1	T/dy.	(128)
	do.	661[b]	1/43-12/43	91	Bl:1s	g/1	T/dy.	(128)
	do.	661[b]	1/44-12/44	64	Bl:1s	g/1	T/dy.	(128)
	do.	661[b]	2/44-11/44	33	01-3:3-5vc	g/1	T/dy.	(128)
	do.	661[b]	1/45-12/45	74	Bl:1s	g/1	T/dy.	(128)
	do.	661[b]	2/45-8/45	14 [26]	01-3:3-5vd	g/1	T/dy.	(128)
	do.	661[b]	1/46-12/46	118	Bl:1s	g/1	T/dy.	(128)
	do.	661[b]	3/46-6/46	10	01-3:3-5vd	g/1	T/dy.	(128)

19/ In addition, 4 observations with D-43 sampler, 3 verticals.
20/ In addition, 9 obeervations with D-43 sampler, 3 verticals.
21/ In addition, 23 obeervations with D-43 sampler, 1 to 3 verticals.
22/ In addition, 11 obeervations with D-43 sampler, 1 to 3 verticals.
23/ In addition, 13 obeervations with D-43 sampler, 1 to 2 verticals.
24/ In addition, 17 observations with D-43 sampler, 1 to 2 verticals.
25/ In addition, 4 observations with D-43 sampler, 1 to 3 verticals.
26/ In addition, 6 obeervations with D-43 sampler, 1 to 3 verticals.

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Little Sioux River Basin (cont'd)								
Maple River	Near Turin, Iowa	725[b]	4/39-10/39	10	01-3:3-5vc	g/l	T/day.	(128)
	do	725[b]	4/39-12/39	85	Bl:1s	g/l	T/day.	(128)
	do	725[b]	1/40-12/40	58	Bl:1s	g/l	T/day.	(128)
	do	725[b]	4/40-11/40	10	01-3:3-5vo	g/l	T/day.	(128)
	do	725[b]	1/41-10/41	48	Bl:1s	g/l	T/day.	(128)
	do	725	3/41-10/41	16	01-3:3-5vo	g/l	T/day.	(128)
W. Fk. ditch	At Holly Springs, Iowa	395[b]	4/39-12/39	62	Bl:1s	g/l	T/day.	(128)
	do	395[b]	5/39-7/39	8	01:3-5vc	g/l	T/day.	(128)
	do	395[b]	1/40-12/40	63	Bl:1s	g/l	T/day.	(128)
	do	395[b]	4/40-9/40	8	01:3-5vc	g/l	T/day.	(128)
	do	395[b]	1/41-6/41	56	Bl:1s	g/l	T/day.	(128)
	do	395[b]	3/41-7/41	4	01:3-5vo	g/l	T/day.	(128)
Monona-Harrison ditch	Near Turin, Iowa	4,460[b]	1/43-12/43	61	Bl:1s	g/l	T/day.	(128)
	do	4,460[b]	2/43-12/43	38 27/	01-3:3-5vc	g/l	T/day.	(128)
	do	4,460[b]	1/44-12/44	30	01-3:3-5vc	g/l	T/day.	(128)
	do	4,460[b]	1/44-12/44	63	Bl:1s	g/l	T/day.	(128)
	do	4,460[b]	1/45-12/45	65	Bl:1s	g/l	T/day.	(128)
	do	4,460[b]	2/45-11/45	35 28/	01-3:3-5vd	g/l	T/day.	(128)
	do	4,460[b]	1/46-12/46	100	Bl:1s	g/l	T/day.	(128)
	do	4,460[b]	2/46-12/46	38	01-3:3-5vd	g/l	T/day.	(128)
Monona-Harrison ditch	Near Blencoe, Iowa	4,470[b] 29/	4/39-11/39	19	01-3:3-5vc	g/l	T/day.	(128)
	do	4,470[b] 29/	4/39-12/39	71	Bl:1s	g/l	T/day.	(128)
	do	4,470[b] 29/	1/40-11/40	47	Bl:1s	g/l	T/day.	(128)
	do	4,470[b] 29/	4/40-11/40	17	01-3:3-5vc	g/l	T/day.	(128)
	do	4,470[b] 29/	1/41-12/41	50	Bl:1s	g/l	T/day.	(128)
	do	4,470[b] 29/	3/41-12/41	25	01-3:3-5vc	g/l	T/day.	(128)
	do	4,470[b] 29/	1/42-12/42	55	Bl:1s	g/l	T/day.	(128)
	do	4,470[b] 29/	3/42-11/42	29	01-3:3-5vc	g/l	T/day.	(128)
Soldier River Basin								
Soldier River	At Pisgah, Iowa	417[b]	1/40-12/40	65	Bl:1s	g/l	T/day.	(128)
	do	417[b]	4/40-9/40	5	01-3:3-5vo	g/l	T/day.	(128)
	do	417[b]	1/41-12/41	88	Bl:1s	g/l	T/day.	(128)
	do	417[b]	4/41-11/41	2	01-3:3-5vo	g/l	T/day.	(128)
	do	417[b]	1/42-12/42	95	Bl:1s	g/l	T/day.	(128)
	do	417[b]	3/42-9/42	9	01-3:3-5vc	g/l	T/day.	(128)
	do	417[b]	1/43-12/43	111	Bl:1s	g/l	T/day.	(128)
	do	417[b]	6/43-7/43	2	01-3:3-5vo	g/l	T/day.	(128)
	do	417[b]	1/44-12/44	109	Bl:1s	g/l	T/day.	(128)
	do	417[b]	5/44-6/44	4	01-3:3-5vc	g/l	T/day.	(128)
	do	417[b]	1/45-12/45	132	Bl:1s	g/l	T/day.	(128)
	do	417[b]	6/45	1	01-3:3-5vd	g/l	T/day.	(128)
	do	417[b]	1/46-12/46	182	Bl:1s	g/l	T/day.	(128)
Soldier ditch	Near Mondamin, Iowa	---	8/39-12/39	21	Bl:1s	g/l	T/day.	(128)
	do	---	3/40-12/40	30	Bl:1s	g/l	T/day.	(128)
	do	---	4/40-9/40	13	01-2:3-5vo	g/l	T/day.	(128)
	do	---	1/41-12/41	12	Bl:1s	g/l	T/day.	(128)
	do	---	3/41-11/41	20	01-2:3-5vc	g/l	T/day.	(128)
	do	---	3/42-9/42	13	01-2:3-5vo	g/l	T/day.	(128)
	do	---	4/42-11/42	23	Bl:1s	g/l	T/day.	(128)
	do	---	3/43-12/43	29	Bl:1s	g/l	T/day.	(128)
	do	---	4/43-5/43	2	01-2:3-5vc	g/l	T/day.	(128)
	do	---	1/44-12/44	3	Bl:1s	g/l	T/day.	(128)
	do	---	4/44-6/44	8	01-2:3-5vc	g/l	T/day.	(128)
	do	---	3/45-10/45	20	Bl:1s	g/l	T/day.	(128)
	do	---	5/45	1 30/	01-2:3-5vd	g/l	T/day.	(128)
Boyer River Basin								
Boyer River	At Logan, Iowa	810[b]	4/39-12/39	67	Bl:1s	g/l	T/day.	(128)
	do	810[b]	5/39-10/39	9	01-3:3-5vc	g/l	T/day.	(128)
	do	810[b]	1/40-12/40	98	Bl:1s	g/l	T/day.	(128)
	do	810[b]	4/40-10/40	11	01-3:3-5vo	g/l	T/day.	(128)
	do	810[b]	1/41-12/41	118	Bl:1s	g/l	T/day.	(128)
	do	810[b]	3/41-10/41	12	01-3:3-5vo	g/l	T/day.	(128)
	do	810[b]	1/42-12/42	121	Bl:1s	g/l	T/day.	(128)
	do	810[b]	3/42-9/42	24	01-3:3-5vo	g/l	T/day.	(128)
	do	810[b]	1/43-12/43	132	Bl:1s	g/l	T/day.	(128)
	do	810[b]	3/43-8/43	17 31/	01-3:3-5vo	g/l	T/day.	(128)
	do	810[b]	1/44-12/44	121	Bl:1s	g/l	T/day.	(128)
	do	810[b]	3/44-11/44	24	01-3:3-5vo	g/l	T/day.	(128)
	do	810[b]	1/45-12/45	143	Bl:1s	g/l	T/day.	(128)
	do	810[b]	2/45-8/45	25	01-3:3-5vd	g/l	T/day.	(128)
	do	810[b]	1/46-12/46	139	Bl:1s	g/l	T/day.	(128)
	do	810	2/46-12/46	33	01-3:3-5vd	g/l	T/day.	(128)
Platte River Basin								
North Platte River	Leo, Wyo.	---	4/13/31-8/31/31	138	Bl:1s	ppm	T	(110)
North Platte River	Pathfinder Reservoir, Alcova, Wyo.	---	4/31-8/31	---	---	---	---	(110)
North Platte River	Casper, Wyo.	12,600[b]	4/11/31-8/31/31	136	Bl:1s	ppm	T	(110)
North Platte River	Douglas, Wyo.	14,300[b]	4/10/31-5/18/31	34	Bl:1s	ppm	T	(110)
North Platte River	Wendover, Wyo.	---	5/1/31-11/30/31	212	Bl:1s	ppm	T	(110)
North Platte River	Guernsey Reservoir, Guernsey, Wyo.	---	4/31-10/31	---	---	---	---	(110)
North Platte River	Guernsey, Wyo.	16,200[b]	4/25/31-11/10/31	191	Bl:1s	ppm	T	(110)
North Platte River	Fort Laramie, Wyo.	16,200	5/21/06-4/20/07	39	Bl:1s	mg/l	T/day.	(102)
North Platte River	Torrington, Wyo.	21,700[b]	4/10/31-11/30/31	231	Bl:1s	ppm	T	(110)
North Platte River	North Platte, Nebr.	32,000[b]	9/10/06-6/30/07	29	Bl:1s	ppm	---	(26)

27/ In addition, 14 observations with D-43 sampler, 1 to 3 verticals.
28/ In addition, 18 observations with D-43 sampler, 1 to 3 verticals.
29/ Combined area above this station and above station on Little Sioux River near Blencoe, Iowa.
30/ In addition, 1 observation with D-43 sampler, 1 to 2 verticals.
31/ In addition, 1 observation with D-43 sampler, 1 to 2 verticals.

MISSOURI RIVER BASIN

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Platte River Basin (cont'd)								
Platte River	Duncan, Nebr.	66,100[a]	3/19/30-11/30/30	174	Bl:ls	ppm	T/mo.	(110)
Platte River	Columbus, Nebr.	61,600[b]	10/1/06-5/15/07	22	Bl:le	ppm	---	(26)
Platte River	Fremont, Nebr.	---	10/10/06-11/2/07	34	Bl:l	ppm	---	(26)
Platte River	Near Ashland, Nebr.	83,800[b]	8/1/29-11/30/29; 2/21/30-4/30/32	687	Bl:ls	ppm	T	(110)
	do.	83,800[b]			Bl:ls	ppm	T	(110)
	do.	83,800[b]	4/39-12/39	31	01-3:3-5vc	g/l	T/dy.	(128)
	do.	83,800[b]	4/39-12/39	193	Bl:ls	g/l	T/dy.	(128)
	do.	83,800[b]	1/40-12/40	43	01-3:3-5vc	g/l	T/dy.	(128)
	do.	83,800[b]	1/40-12/40	286	Bl:le	g/l	T/dy.	(128)
	do.	83,800[b]	1/41-12/41	301	Bl:le	g/l	T/dy.	(128)
	do.	83,800[b]	2/41-12/41	39	01-3:3-5vo	g/l	T/dy.	(128)
	do.	83,800[b]	1/42-12/42	369	Bl:le	g/l	T/dy.	(128)
	do.	83,800[b]	3/42-11/42	34	01-3:3-5vo	g/l	T/dy.	(128)
	do.	83,800[b]	1/43-12/43	322	Bl:le	g/l	T/dy.	(128)
	do.	83,800[b]	2/43-11/43	24 32/	01-3:3-5vo	g/l	T/dy.	(128)
	do.	83,800[b]	1/44-12/44	300	Bl:le	g/l	T/dy.	(128)
	do.	83,800[b]	1/44-12/44	38	01-3:3-5vc	g/l	T/dy.	(128)
	do.	83,800[b]	1/45-12/45	256	Bl:ls	g/l	T/dy.	(128)
	do.	83,800[b]	3/45-11/45	18	01-3:3-5vd	g/l	T/dy.	(128)
	do.	83,800[b]	2/46-12/46	142	Bl:le	g/l	T/dy.	(128)
	do.	83,800[b]	3/46-12/46	30	01-3:3-5vd	g/l	T/dy.	(128)
Platte River	Plattsmouth, Nebr.	90,200	3/21/30-11/30/30	369 33/	Bl:ls	ppm	T/mo.	(110)
Sweetwater River	Alcova, Wyo.	2,270[b]	4/14/31-8/31/31	108	Bl:ls	ppm	T	(110)
South Platte River	At Littleton, Colo.	3,090[b]	7/41-	920	34/	g/l	T/dy.	(115)
South Platte River	At Henderson, Colo.	4,740[b]	7/41-10/41	27	34/	g/l	T/dy.	(115)
	do.	4,740[b]	4/42-10/42	103	34/	g/l	T/dy.	(115)
	do.	4,740[b]	3/43-	368	34/	g/l	T/dy.	(115)
South Platte River	At Ft. Lupton, Colo.	5,070[b]	8/41	3	34/	g/l	T/dy.	(115)
South Platte River	Near Kersey, Colo.	9,500[b]	6/43	2	34/	g/l	T/dy.	(115)
South Platte River	At Sublette, Colo.	12,900[b]	7/41-	708	34/	g/l	T/dy.	(115)
South Platte River	At Ft. Morgan Colo.	14,800[b]	7/41-10/41	49	34/	g/l	T/dy.	(115)
	do.	14,800[b]	3/42-10/42	156	34/	g/l	T/dy.	(115)
	do.	14,800[b]	3/43-5/43	53	34/	g/l	T/dy.	(115)
	do.	14,800[b]	12/43	289	34/	g/l	T/dy.	(115)
South Platte River	At Balzac, Colo.	17,700[b]	7/41-	731	34/	g/l	T/dy.	(115)
Plum Creek	Near Sedalia, Colo.	273[b]	5/44-6/44	20	34/	g/l	T/dy.	(115)
	do.	273[b]	2/45	2	34/	g/l	T/dy.	(115)
Cherry Creek	Near Franktown, Colo.	172[b]	7/41-2/46	806	34/	g/l	T/dy.	(115)
	do.	172[b]	9/46	7	34/	g/l	T/dy.	(115)
Cherry Creek	Near Melvin, Colo.	369[b]	7/41-	714	34/	g/l	T/dy.	(115)
Clear Creek	Near Derby, Colo.	600[b]	4/44-5/45	24	34/	g/l	T/dy.	(115)
St. Vrain Creek	Near Platteville, Colo.	1,000[b]	4/44-7/44	71	34/	g/l	T/dy.	(115)
	do.	1,000[b]	4/45	3	34/	g/l	T/dy.	(115)
Thompson River	Near La Salle, Colo.	818[b]	4/44-6/44	34	34/	g/l	T/dy.	(115)
Cache la Poudre River	Near Greeley, Colo.	1,840[b]	5/44&12/44	6	34/	g/l	T/dy.	(115)
Middle Loup River	At Dunning, Nebr.	1,760[b]	4/46-	17/	D1I3:1di	ppm	T/dy.	(160)
Middle Loup River	At St. Paul, Nebr.	7,300 35/	4/46-	17/	D1I3:1di	ppm	T/dy.	(160)
Loup River	Genoa, Nebr.	13,600[a]	3/18/30-11/30/30	208	Bl:le	ppm	T/mo.	(110)
South Loup River	At St. Michael, Nebr.	2,560 36/	6/46-	17/	D1I 18/	ppm	T/dy.	(160)
North Loup River	Near St. Paul, Nebr.	4,120 37/	4/46-	17/	D1I3:1di	ppm	T/dy.	(160)
Cedar River	Near Spaulding, Nebr.	794[b]	6/46-	17/	D1I 18/	ppm	T/dy.	(160)
Beaver Creek	At Loretto, Nebr.	345[b]	6/46-	17/	D1I 18/	ppm	T/dy.	(160)
Elkhorn River	Near Waterloo, Nebr. 39/.	6,900	5/44-6/44	3 38/	01-3:3-5vod	g/l	T/dy.	(128)
Elkhorn River	Near Gretna, Nebr. 39/...	---	5/44	5 40/	01-3:3-5vcd	g/l	T/dy.	(128)
Nishnabotna River Basin								
Nishnabotna River	Near Hamburg, Iowa.	2,800[b]	4/39-12/39	59	Bl:ls	g/l	T/dy.	(128)
	do.	2,800[b]	5/39-10/39	13	01-3:3-5vo	g/l	T/dy.	(128)
	do.	2,800[b]	1/40-12/40	74	Bl:ls	g/l	T/dy.	(128)
	do.	2,800[b]	3/40-11/40	33	01-3:3-5vc	g/l	T/dy.	(128)
	do.	2,800[b]	1/41-12/41	106	Bl:le	g/l	T/dy.	(128)
	do.	2,800[b]	3/41-12/41	31	01-3:3-5vc	g/l	T/dy.	(128)
	do.	2,800[b]	1/42-12/42	91	Bl:ls	g/l	T/dy.	(128)
	do.	2,800[b]	3/42-10/42	30	01-3:3-5vc	g/l	T/dy.	(128)
	do.	2,800[b]	1/43-9/43	34 41/	01-3:3-5vc	g/l	T/dy.	(128)
	do.	2,800[b]	1/43-12/43	103	Bl:ls	g/l	T/dy.	(128)
	do.	2,800[b]	1/44-12/44	101	Bl:ls	g/l	T/dy.	(128)
	do.	2,800[b]	3/44-12/44	31	01-3:3-5vo	g/l	T/dy.	(128)
	do.	2,800[b]	1/45-12/45	94	Bl:ls	g/l	T/dy.	(128)
	do.	2,800[b]	2/45-10/45	20 42/	01-3:3-5vd	g/l	T/dy.	(128)
	do.	2,800[b]	1/46-12/46	34	01-3:3-5vd	g/l	T/dy.	(128)
	do.	2,800[b]	1/46-12/46	72	Bl:le	g/l	T/dy.	(128)
Tarkio River Basin								
Tarkio River	At Blanchard, Iowa.	200[b]	4/34-6/40	43/	D1I3:1di	ppm	T/dy.	(45)(95)

17/ Minimum of 1 per day with 2 to 4 per day during changing stages.
18/ Integrated samples at one vertical, supplemented by 3 to 4 samples at verticals representing points of equal discharge 2 to 4 times monthly and during floods.
32/ In addition, 1 obeervation with D-43 sampler, 1 to 3 verticals.
33/ Includes 170 observations with Straub sampler, 4 vertical at 2 points in vertical.
34/ Sampling frequency with Bl:ls method, 2 to 3 times weekly with additional sampling during high water stagee; with 01-3:3-5v method, once a month and during peak flows.
35/ Includee about 1,300 square milee of indeterminate drainage in closed basins.
36/ Includee about 300 square miles of indeterminate drainage in closed basins.
37/ Includes about 400 square miles of indeterminate drainage in closed basins.
38/ In addition, 4 observations with D-43 sampler, 1 to 3 verticals; and 2 obeervations with P-43 sampler, 1 to 3 verticals at 5 pointe in vertical.
39/ Observations at these etations taken for special sampler comparison studiee.
40/ In addition, 7 observations with D-43 sampler, 1 to 3 verticals; and 4 obeervations with P-43 sampler, 1 to 3 verticale at 5 points in vertical.
41/ In addition, 18 obeervations with D-43 sampler, 1 to 3 verticals.
42/ In addition, 16 observations with D-43 sampler, 1 to 3 verticals.
43/ Minimum of 1 per day with 2 to 10 per day during changing stagee.

MISSOURI RIVER BASIN

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION: CONCENTRATION	UNIT OF EXPRESSION: LOAD	REFERENCE NUMBER
Tarkio River Basin (cont'd)								
Watershed Z	Clarinda, Iowa	0.0049	4/3/34-6/31/42	44/	R	%/vt.	T/ac.	(99)(153)
Watershed Y	Clarinda, Iowa	0.0051	4/3/34-6/31/42	44/	R	%/vt.	T/ac.	(99)(153)
Watershed X	Clarinda, Iowa	0.0031	4/3/34-6/31/42	44/	R	%/vt.	T/ac.	(99)(153)
Watershed W	Clarinda, Iowa	0.0031	4/3/34-6/31/42	44/	R	%/vt.	T/ac.	(99)(153)
Watershed V	Clarinda, Iowa	0.0051	4/3/34-6/31/42	44/	R	%/vt.	T/ac.	(99)(153)
West Tarkio Creek	Near Westboro, Mo	105[b]	4/34-6/40	43/	Dih3:ldi	ppm	T/dy.	(45)(95)
Kansas River Basin								
Arikarse River	Haigler, Nebr	1,460[b]	5/4/31-8/31/31	116	Bl:ls	ppm	---	(110)
Republican River	Benkelman, Nebr	4,770[b]	4/27/31-8/31/31	98	Bl:ls	ppm	---	(110)
Republican River	Bloomington, Nebr	21,037	8/26/31-8/31/31	126	Bl:ls	ppm	T/mo.	(110)
	....do....	21,037	10/23/42-8/47	11	l-ls	ppm	T/mo.	(122)
	....do....	21,037	10/23/42-8/47	605	l-3:l-3v	ppm	T/mo.	(122)
Republican River	Wakefield, Kans	24,570[b]	8/27/29-11/30/30	602	Bl:ls	ppm	T/mo.	(110)
	....do....	24,570[b]	4/22/31-8/21/30		Bl:ls	ppm	T/mo.	(110)
Republican River	Junction, Kans	24,960[b]	11/26/06-9/10/07	24	Bl:l	ppm	T/dy.	(94)
Kansas River	Holiday, Kans	61,100	12/29/06-12/31/08	73	Bl:l	ppm	T/dy.	(94)
Kansas River	Bonner Springs, Kans	59,890[b]	6/12/29-9/10/31	1,217	S4:2v	ppm	T/mo.	(110)
	....do....	59,890[b]	6/21/32-7/22/32		S4:2v	ppm	T/mo.	(110)
Kansas River	Turner, Kans	---	10/10/30-9/10/31	508	S4:2v	ppm	---	(122)
S. Fk. Republican River	At Colo.-Kans. State Line	1,860[b]	6/46-	17/	DiI 18/	ppm	T/dy.	(160)
Medicine Creek	At Cambridge, Nebr	1,070[b]	11/45-	17/	DiI 18/	ppm	T/dy.	(160)
Sappa Creek	Oberlin, Kans	1,180	11/28/06-1/9/07	4	Bl:l	ppm	---	(94)
Prairie Dog Creek	Long Island, Kans	900	12/5/06-12/4/07	30	Bl:l	ppm	---	(94)
West Buffalo Creek	Near Jewell, Kans	15.2[b]	4/35-6/38	43/	Dih3:ldi	ppm	T/dy.	(41)
West Buffalo Creek	At Jewell, Kans	16.8[b]	4/35-6/38	43/	Dih3:ldi	ppm	T/dy.	(41)
Smoky Hill River	Near Ellis, Kans	5,630[b]	12/18/44-6/25/46	11	l:lv	ppm	---	(155)
Smoky Hill River	At Russell, Kans	6,965	6/10/41-9/6/41	12	l:lv	ppm	---	(155)
Smoky Hill River	Near Russell, Kans	6,965[b]	1/2/41-6/9/41	11	l:lv	ppm	---	(155)
Smoky Hill River	Ellsworth, Kans	7,580[b]	10/29/42-8/47	7	l-ls	ppm	T/mo.	(122)
	....do....	7,580[b]	10/29/42-8/47	475	l-3:l-3v	ppm	T/mo.	(122)
Smoky Hill River	Lindsborg, Kans	8,480[a]	11/27/06-11/29/07	29	Bl:l	ppm	---	(94)
Smoky Hill River	Mentor, Kans	8,420[a]	3/6/30-11/30/30	266	Bl:ls	ppm	T/mo.	(110)
Smoky Hill River	Solomon, Kans	18,700[b]	9/19/29-11/30/30	368	Bl:ls	ppm	T/mo.	(110)
Smoky Hill River	Chapman, Kans	---	3/7/30-8/31/30	166	Bl:ls	ppm	---	(110)
Saline River	Near Russell, Kans	---	5/46-	17/	DiI 18/	ppm	T/dy.	(160)
Saline River	Wilson, Kans	1,900[b]	8/23/40-7/7/46	53	l:lv	ppm	---	(155)
Saline River	Sylvan Grove, Kans	2,300	11/27/06-11/29/07	34	Bl:l	ppm	---	(94)
Saline River	Tescott, Kans	2,880[a]	3/6/30-11/30/30	298 45/	Bl:ls	ppm	T/mo.	(110)
S. Fk. Solomon River	At Alton, Kans	1,720[b]	6/46-	17/	DiI 18/	ppm	T/dy.	(160)
Solomon River	Beloit, Kans	5,540[a]	12/1/06-12/5/07	32	Bl:l	ppm	---	(94)
Solomon River	Niles, Kans	6,900[a]	3/6/30-11/30/30	316	Bl:ls	ppm	T/mo.	(110)
East Limestone Creek	Near Ionia, Kans	27.3[b]	4/35-6/38	43/	Dih3:ldi	ppm	T/dy.	(41)
East Limestone Creek	At Ionia, Kans	51.6[b]	4/35-6/35	43/	Dih3:ldi	ppm	T/dy.	(41)
Elm Creek	Near Ionia, Kans	22.7[b]	4/35-6/38	43/	Dih3:ldi	ppm	T/dy.	(41)
Big Blue River	Randolph, Kans	9,360[a]	8/26/29-11/30/30	464 46/	Bl:ls	ppm	T/mo.	(110)
	....do....	9,580[a]	10/23/42-8/47	21	l-ls	ppm	T/mo.	(122)
	....do....	9,580[a]	10/23/42-8/47	910	l-3:l-3v	ppm	T/mo.	(122)
Big Blue River	Manhattan, Kans	9,490[b]	12/19/06-12/30/07	34	Bl:l	ppm	---	(94)
Delaware River	Perry, Kans	1,200	1/4/07-11/29/07	26	B	ppm	---	(94)
Grand Rivsr Basin								
Grand River	Gallatin, Mo	2,250[b]	3/14/30-8/7/30	54	S4:2v	ppm	T/mo.	(110)
	....do....	2,250[b]	10/22/42-8/47	22	l-ls	ppm	T/mo.	(122)
	....do....	2,250[b]	10/22/42-8/47	1,190	l-3:l-3v	ppm	T/mo.	(122)
Grand River	Sumner, Mo	6,880[b]	7/12/29-11/30/30	545	Bl:ls	ppm	T/mo.	(110)
Watershed Pa-C	Bethany, Mo	0.0031	4/1/37-12/31/42	44/	R	%/vt.	T/ac.	(175)
Watershed Pa-B	Bethany, Mo	0.010	1/1/32-12/31/42	44/	R	%/vt.	T/ac.	(175)
Watershed Pa-A	Bethany, Mo	0.0033	7/1/34-12/31/42	44/	R	%/vt.	T/ac.	(175)
Watershed IJ-1	Bethany, Mo	0.0033	7/1/33-12/31/42	44/	R	%/vt.	T/ac.	(175)
Watershed I-58	Bethany, Mo	0.0033	1/1/33-12/31/42	44/	R	%/vt.	T/ac.	(175)
Watershed D-2	Bethany, Mo	0.013	7/1/34-12/31/42	44/	R	%/vt.	T/ac.	(175)
Watershed D-1	Bethany, Mo	0.012	1/1/34-12/31/42	44/	R	%/vt.	T/ac.	(175)
Watershsd D-3	Bethany, Mo	0.0076	7/1/32-12/31/42	44/	R	%/vt.	T/ac.	(175)
E. Fk. Big Creek	Near Bethany, Mo	95[b]	4/34-12/37	43/	Dih3:ldi	ppm	T/dy.	(45)
Thompson River	Trenton, Mo	1,670[b]	4/14/30-8/7/30	55	S4:2v	ppm	T/mo.	(110)
	....do....	1,670[b]	10/22/42-8/47	20	l-ls	ppm	T/mo.	(122)
	....do....	1,670[b]	10/22/42-8/47	905	l-3:l-3v	ppm	T/mo.	(122)
Osage River Basin								
Osage River	Boicourt, Kans	2,700	11/29/06-11/30/07	33	Bl:l	ppm	---	(94)
Osage River	Osceola, Mo	8,220[b]	10/20/42-8/47	17	l-ls	ppm	T/mo.	(122)
	....do....	8,220[b]	10/20/42-8/47	1,025	l-3:l-3v	ppm	T/mo.	(122)
Osage River	Bagnell, Mo	14,000[b]	9/11/29-11/30/30	401	Bl:ls	ppm	T/mo.	(110)
Osage River	Osage City, Mo	14,970	1/26/31-8/31/31	218	Bl:ls	---	T/mo.	(110)
Osage River	Riverside, Mo	---	10/1/30-10/13/30	22	S4:2v	---	---	(110)
Osage River	At Merten's Ferry, Riverside, Mo	---	10/9/30-10/13/30	8	S4:2v	---	---	(110)
Pomme de Terre River	Hermitage, Mo	655[b]	10/21/42-8/47	8	l-ls	ppm	T/mo.	(122)
	....do....	655[b]	10/21/42-8/47	805	l-3:l-3v	ppm	T/mo.	(122)
South Grand River	Brownington, Mo	1,660[b]	10/21/42-8/47	21	l-ls	ppm	T/mo.	(122)
	....do....	1,660[b]	10/21/42-8/47	1,190	l-3:l-3v	ppm	T/mo.	(122)
Gasconade River Basin								
Gasconade River	Jerome, Mo	2,840[b]	4/2/30-11/30/30	240	Bl:ls	---	T/mo.	(110)
	....do....	2,840[b]	10/20/42-8/47	6	l-ls	ppm	T/mo.	(122)
	....do....	2,840[b]	10/20/42-8/47	910	l-3:l-3v	ppm	T/mo.	(122)
Gasconade River	Rich Fountain, Mo	3,180[b]	7/16/29-3/31/30	166	Bl:ls	ppm	T/mo.	(110)

17/ Minimum of 1 per day with 2 to 4 per day during changing stages.
18/ Integrated samples at one vertical, supplemented by 3 to 4 samples at verticals representing points of equal discharge 2 to 4 times monthly and during floods.
43/ Minimum of 1 per day with 2 to 10 per day during changing stages.
44/ Composite sampling of all runoff.
45/ Includes 54 observations with Straub sampler, 4 verticals at 2 points in vertical.
46/ Includes 57 observations with Straub sampler, 4 verticals at 2 points in vertical.

LOWER MISSISSIPPI RIVER BASIN

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Mississippi River Main Stem								
Mississippi River	St. Louis Mo.	701,000[b]	6/23/65-8/15/65	4	---	%/wt.	---	(31)(141)
	....do....	701,000[b]	1867	---	1/	ratio/wt.	---	(141)(172)
	....do....	701,000[b]	3/31/79-6/25/79	21	8:3v	ppm	lb./sec.	(141)
	....do....	701,000[b]	1/15/81-9/5/81	36	8:3v	ppm	lb./sec.	(141)
	....do....	701,000[b]	4/8/29-6/12/29	8	8:3v	ppm	lb./sec.	(141)
	....do....	701,000	12/15/31-12/9/32	148	---	ppm	---	(141)
Mississippi River	Little Rock, Mo.	706,271	10/27/31-1/11/32	24	---	ppm	---	(145)
Mississippi River	Chester, Ill.	712,600[b]	8/1/06-7/31/07	30	Bl:ls	ppm	---	(18)
	....do....	712,565[a]	6/14/37-9/30/38	175	MRC7:5v	ppm	T/dy.	(134)
Mississippi River	Thebes, Ill.	717,200[b]	5/8/29-6/12/29	8	MRC8:3v	ppm	lb./sec.	(141)
	....do....	717,200[b]	1/12/33-1/30/33	14	---	ppm	---	(145)
Mississippi River	Columbus, Ky.	921,900[b]	3/15/58-11/15/58	146	Bl:ls	ppm	lb./sec.	(141)
	....do....	921,900[b]	3/4/79-7/2/79	79	Msb8:3v	ppm	lb./sec.	(141)
Mississippi River	Hickman, Ky.	922,500	3/21/29-6/10/29	14	MRC8:3v	ppm	lb./sec.	(141)
	....do....	922,500	10/3/39	1	5:4-8v	ppm	---	(144)
Mississippi River	Cottonwood Point, near Caruthersville, Mo.	923,500	12/2/31-1/4/32	33	---	ppm	---	(145)
Mississippi River	Fulton, Tenn.	928,600[b]	11/28/79-10/10/80	178	Msb8:3v	ppm	lb./sec.	(141)
Mississippi River	Memphis, Tenn.	932,800[b]	4/1849-6/1849	---	---	ratio/wt.	---	(85)(141)(172)
	....do....	932,800[b]	3/1/1850-3/1/1851	---	1:ls	ratio/wt.	---	(86)(141)(172)
	....do....	932,800[b]	1/10/07-1/1/08	34	Bl:ls	ppm	---	(26)
Mississippi River	Hampton Landing, Ark.	932,925	1/16/79-6/27/79	63	HAk3:3v	ppm	lb./sec.	(141)
Mississippi River	Helena, Ark.	941,800	12/13/78-4/8/79	21	HAk2:2v	ppm	lb./sec.	(141)
	....do....	941,800	4/8/79-6/18/79	16	Jv2:2v	ppm	lb./sec.	(141)
	....do....	941,800	9/2/30-2/28/31	77	UA3:3v	ppm	lb./sec.	(142)
	....do....	941,800	1/21/32-4/20/32	75	MRC8:3v	ppm	---	(145)
	....do....	941,800	10/6/39	1	5:5-8v	ppm	---	(144)
Mississippi River	Friar Point, Miss.	941,835	3/22/29-6/18/29	14	MRC8:3v	ppm	lb./sec.	(141)
Mississippi River	Arkansas City (Chicot Landing), Ark.	1,130,700	4/2/29-6/25/29	25	MRC8:3v	ppm	lb./sec.	(141)
	....do....	1,130,700	9/2/30-1/17/31	80	Vv8:3v	ppm	lb./sec.	(142)
	....do....	1,130,700	2/2/32-4/30/32	65	Vv8:3v	ppm	lb./sec.	(146)
Mississippi River	Mayersville, Miss.	1,130,900	1/12/37-5/16/38	10	Vv6-9:5-12v	ppm	lb./sec.	(143)
	....do....	1,130,900	10/12/39-10/13/39	2	5:8v	ppm	---	(144)
Mississippi River	Lake Providence, La.	1,130,900	11/18/79-10/15/80	28	Msb8:3v	ppm	lb./sec.	(141)
Mississippi River	Kings Point, Miss.	1,131,100	1/17/79-5/30/79	49	3:2-3v	ppm	lb./sec.	(141)
Mississippi River	Vicksburg, Miss.	1,144,500[b]	3/13/29-6/6/29	16	MRC8:3v	ppm	lb./sec.	(141)
	....do....	1,144,500[b]	8/28/30-1/26/31	63	Vv8:3v	ppm	lb./sec.	(142)
	....do....	1,144,500[b]	1/27/32-4/30/32	55	Vv8:3v	ppm	lb./sec.	(146)
	....do....	1,144,500[b]	9/29/36-9/30/36	1	10:3v	ppm	---	(145)
	....do....	1,144,500[b]	10/2/39-10/3/39	2	6:6-12v	ppm	---	(144)
Mississippi River	Natchez, Miss.	---	7/1/1846-6/30/1848	---		ratio/vol.	---	(16)(172)
Mississippi River	Tarbert's Landing, Miss.	1,151,300	3/19/29-6/21/29	25	MRC8:3v	ppm	lb./sec.	(141)
Mississippi River	Angola (Red River Landing), LA.	1,242,700	3/3/29-6/22/29	25	MRC8:3v	ppm	lb./sec.	(141)
	....do....	1,242,700	9/23/30-2/26/31	65	MRC8:3v	ppm	lb./sec.	(142)
	....do....	1,242,700	1/30/32-4/30/32	69	---	ppm	---	(127)
	....do....	1,242,700	10/1-15/36	3	8:3v	ppm	lb./sec.	(127)
Mississippi River	New Orleans, La.	1,243,600	5/21/1846-8/13/1846	35	2/ Bl:1	ratio/wt.	gr./pt.	(61)(172)
Mississippi River	Carrollton, near New Orleans, La.	1,243,600	2/17/51-2/15/52	313	HAk3:3v	ppm	lb./sec.	(141)
	....do....	1,243,600	2/16/52-2/20/53	313	HAk1:ls	ppm	lb./sec.	(141)
	....do....	1,243,600	12/19/79-10/8/80	29	Msb8:3v	ppm	lb./sec.	(141)
	....do....	1,243,600	3/12/29-6/25/29	39	MRC8:3v	ppm	lb./sec.	(141)
	....do....	1,243,600	9/16/30-2/27/31	65	8:3v	ppm	lb./sec.	(142)
	....do....	1,243,600	2/2/32-4/30/32	56	---	ppm	lb./sec.	(145)
	....do....	1,243,600	10/6/39	1	9:6v	ppm	---	(145)
Mississippi River	6.3 miles above Head of Passes, Pilottown, La.	1,243,700	5/21/38-6/13/38	3	HEB6:9-11v	ppm	lb./sec.	(147)
Pass a l'Outre	Pilottown, La.	---	2/14/38-7/13/38	20	NOv13:4-5v	ppm	lb./sec.	(147)
Southwest Pass	Pilottown, La.	---	2/14/38-7/13/38	23	HEB12:5v	ppm	lb./sec.	(147)
South Pass	Near Port Eads, La.	---	1877-98		3/ B3:3-5	ratio/wt.	---	(141)(172)
South Pass	Pilottown, La.	---	2/14/38-7/13/38	23	HEB6:5v	ppm	lb./seo.	(147)
Meramec River Basin								
Meramec River	Sullivan, Mo.	1,475[b]	7/12/46-9/30/46	4/	Div1:1di 5/	ppm	ac.-ft./yr	(134)
Meramec River	Robertsville, Mo.	2,673[b]	11/6/42-9/30/46	4/	Div1:1di 5/	ppm	ac.-ft./yr	(134)
Bourbeuse River	Union, Mo.	798[b]	3/7/45-9/30/46	4/	Div1:1di 5/	ppm	ac.-ft./yr	(134)
Big River	Byrnesville, Mo.	917[b]	11/6/42-9/30/46	4/	Div1:1di 5/	ppm	ac.-ft./yr	(134)
St. Francis River Basin								
St. Francis River	Near Bismarck, Mo.	21.5	2/39-9/39	6/	Div1:1di	ppm	T/dy.	(162)
St. Francis River	Near Roselle, Mo.	239	2/39-9/39	6/	Div1:1di	ppm	T/dy.	(162)
St. Francis River	Near Patterson, Mo.	956[b]	2/39-9/39	6/	Div1:1di	ppm	T/dy.	(162)
St. Francis River	At Wappapello, Mo.	1,310[b]	3/39-9/39	6/	Div1:1di	ppm	T/dy.	(162)
St. Francis River	At Marked Tree, Ark.	---	10/1/45-9/30/46	36	Bl:lm	ppm	---	(163)
Wolf Creek	Near Farmington, Mo.	40.3	2/39-9/39	6/	Div1:1di	ppm	T/dy.	(162)
Doe Run Creek	Near Knob Lick, Mo.	25.0	3/39-9/39	6/	Div1:1di	ppm	T/dy.	(162)
Stouts Creek	At Arcadia, Mo.	20.8	2/39-9/39	6/	Div1:1di	ppm	T/dy.	(162)
Little St. Francis River	At Fredericktown, Mo.	90.5	2/39-9/39	6/	Div1:1di	ppm	T/dy.	(162)
Twelvemile Creek	At Zion, Mo.	16.1	2/39-9/39	6/	Div1:1di	ppm	T/dy.	(162)
Cedar Creek	At Coldwater, Mo.	14.4	2/39-9/39	6/	Div1:1di	ppm	T/dy.	(162)
Big Creek	At Des Arc, Mo.	99.6	2/39-9/39	6/	Div1:1di	ppm	T/dy.	(162)
Clark Creek	At Patterson, Mo.	37.5	2/39-9/39	6/	Div1:1di	ppm	T/dy.	(162)
Otter Creek	At Taskee, Mo.	47.0	2/39-9/39	6/	Div1:1di	ppm	T/dy.	(162)
White River Basin								
White River	Beaver, Ark.	1,238[b]	6/23/45-	4	UA1-3:1v	%/wt.	---	(123)
	....do....	1,238[b]	10/1/45-9/30/46	36	Bl:lm	ppm	---	(163)

1/ Samples taken from pump cylinder of St. Louis municipal water works.
2/ Samples taken at 3-day intervals.
3/ Samples taken twice a week.
4/ One sample per week during low flows and 1 to 3 per day during medium and high stages.
5/ Depth integrated samples at fixed point in cross section, supplemented by samples at 4 to 6 points in cross section once a month or oftener.
6/ About 3 times per week during low flows and 2 to 6 times per day during floods.

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
White River Basin (cont'd)								
White River	Near Reeds Spring, Mo.	3,617[b]	6/13/38-	53	UA1-3:1v	%/wt.	---	(123)
White River	Forsyth, Mo.	4,544[b]	9/26/41-	37	UA1-3:1v	%/wt.	---	(123)
White River	Near Flippin, Ark.	6,067[b]	6/9/38-	13	UA3:1v	%/wt.	---	(123)
White River	Calico Rock, Ark.	9,973[b]	5/6/40-	20	UA1-3:1v	%/wt.	---	(123)
White River	Batesville, Ark.	11,060[b]	4/18/39-1/1/43	5	UA1-3:1v	%/wt.	---	(123)
	.....do.....	11,060[b]	10/1/45-9/30/46	36	B1:1m	ppm	---	(163)
White River	Newport, Ark.	19,812[b]	8/10/39-	110	UA1-13:1v	%/wt.	---	(123)
White River	Augusta, Ark.	20,500[b]	---	---	---	---	---	(123)
White River	Georgetown, Ark.	22,335[b]	1/10/43-3/22/44	5	UA1-3:1v	%/wt.	---	(123)
White River	De Valls Bluff, Ark.	23,430[b]	2/6/31-5/30/31	36	UA3:1-3	ppm	lb./sec.	(142)
White River	Clarendon, Ark.	25,750[b]	1/19/79-6/26/79	27	HA3:2v	ppm	lb./sec.	(141)
James River	Galena, Mo.	987[b]	10/4/44-2/23/46	6	UA1-4:1v	%/wt.	---	(123)
Buffalo River	Near St. Joe, Ark.	825[b]	4/11/40-	21	UA1-3:1v	%/wt.	---	(123)
Buffalo River	Near Rush, Ark.	1,091[b]	5/2/40-	20	UA1-3:1v	%/wt.	---	(123)
North Fork River	Near Tecumseh, Mo.	561[b]	10/20/45-	25	UA1-3:1v	%/wt.	---	(123)
North Fork River	Tecumseh, Mo.	1,157[b]	12/7/39-5/14/45	47	UA1-3:1v	%/wt.	---	(123)
North Fork River	Henderson, Ark.	1,612[b]	6/10/38-4/11/40	2	UA1-3:1v	%/wt.	---	(123)
North Fork River	Norfork, Ark.	1,806[b]	---	---	---	---	---	(123)
Bryant Creek	Near Tecumseh, Mo.	568[b]	2/14/46-	29	UA1-5:1v	%/wt.	---	(123)
Black River	Near Annapolis, Mo.	484[b]	4/12/39-3/8/46	44	UA1-4:1v	%/wt.	---	(123)
Black River	Leeper, Mo.	957[b]	2/20/39-	43	UA1-5:1v	%/wt.	---	(123)
Black River	Mengo Switch, Mo.	1,209	6/15/38-8/14/39	2	UA1-3:1v	%/wt.	---	(123)
Black River	Poplar Bluff, Mo.	1,245[b]	8/14/39-7/1/46	42	UA1-5:1v	%/wt.	---	(123)
Black River	Near Corning, Ark.	1,749[b]	4/20/39-5/21/46	12	UA1-7:1v	%/wt.	---	(123)
Black River	Pocahontas, Ark.	4,843[b]	4/21/39-3/14/40	3	UA1-4:1v	%/wt.	---	(123)
Black River	Black Rock, Ark.	7,323[b]	2/20/31-6/26/31	57	3:3v	ppm	lb./sec.	(109)
	.....do.....	7,323[b]	4/13/31-6/26/31	57	UA8:3v	ppm	lb./sec.	(142)
	.....do.....	7,323[b]	8/11/39-	24	UA1-3:1v	%/wt.	---	(123)
	.....do.....	7,323[b]	10/1/45-9/30/46	36	B1:1m	ppm	---	(163)
Cane Creek	Near Harviell, Mo.	188[b]	6/16/38-10/21/42	31	UA1-3:1v	%/wt.	---	(123)
Current River	Near Eminence, Mo.	1,272[b]	8/5/40-	35	UA1-3:1v	%/wt.	---	(123)
Current River	Van Buren, Mo.	1,667[b]	8/5/40-	40	UA1-4:1v	%/wt.	---	(123)
Current River	Doniphan, Mo.	2,038[b]	8/8/40-	39	UA1-4:1v	%/wt.	---	(123)
Little Black River	Near Fairdealing, Mo.	185[b]	6/16/38-10/21/42	34	UA1-5:1v	%/wt.	---	(123)
Spring River	Hardy, Ark.	---	4/12/44-4/21/44	3	UA1-3:1v	%/wt.	---	(123)
Eleven Point River	Near Bardley, Mo.	793[b]	4/6/39-	44	UA1-3:1v	%/wt.	---	(123)
Eleven Point River	Near Eleven Point, Ark.	1,115[b]	2/21/39-	15	UA1-3:1v	%/wt.	---	(123)
Strawberry River	Near Evening Shade, Ark.	225[b]	4/6/39-	34	UA1-3:1v	%/wt.	---	(123)
Strawberry River	Near Poughkeepsie, Ark.	476[b]	2/21/39-	38	UA1-3:1v	%/wt.	---	(123)
Piney Fk. Strawberry River	Near Evening Shade, Ark.	99[b]	4/16/39-	22	UA1-3:1v	%/wt.	---	(123)
S. Fk. Little Red River	Near Clinton, Ark.	316[b]	4/12/40-	22	UA1-3:1v	%/wt.	---	(123)
Little Red River	Near Heber Springs, Ark.	1,141[b]	3/11/39-	35	UA1-3:1v	%/wt.	---	(123)
Middle Fk. Little Red River	Shirley, Ark.	294[b]	4/17/39-	19	UA1-3:1v	%/wt.	---	(123)
Arkansas River Basin								
Arkansas River	Texas Creek, Colo.	2,000	2/19/46-	10	B1:1v	ppm	---	(155)
Arkansas River	Parkdale, Colo.	2,400	7/11/46-	5	B1:1v	ppm	---	(155)
Arkansas River	Canon City, Colo.	3,090[b]	6/23/39-9/23/41	36	B1:1v	ppm	---	(155)
	.....do.....	3,090[b]	11/13/40-9/30/46	7/	1:1v	%/wt.	---	(114)
Arkansas River	Pueblo, Colo.	4,730[b]	6/26/39-9/23/41	37	B1:1v	ppm	---	(155)
	.....do.....	4,730[b]	5/26/45-6/25/46	19	B1:1v	ppm	---	(155)
	.....do.....	4,730[b]	11/18/40-9/30/46	7/	1:1v	%/wt.	---	(114)
Arkansas River	Nepesta, near Fowler, Colo.	9,130[b]	6/27/39-9/23/41	38	B1:1v	ppm	---	(155)
	.....do.....	9,130[b]	2/16/40-9/5/46	8/	B3:3v	%/wt.	---	(114)
Arkansas River	Near Fowler, Colo.	9,775	5/29/39-6/3/39	2	B1:1v	ppm	---	(155)
Arkansas River	Near Rocky Ford, Colo.	11,100	5/26/39-6/3/39	2	B1:1v	ppm	---	(155)
Arkansas River	At La Junta, Colo.	12,200[b]	6/27/39-9/23/41	40	B1:1v	ppm	---	(155)
	.....do.....	12,200[b]	5/9/39-9/30/46	8/	B3:1v	%/wt.	---	(114)
Arkansas River	At Las Animas, Colo.	14,500[b]	5/22/39-6/2/39	2	B1:1v	ppm	---	(155)
	.....do.....	14,500[b]	5/25/39-9/30/46	8/	3:1v	%/wt.	---	(114)
Arkansas River	Head of John Martin Dam, Colo.	---	10/10/44-8/28/45	38	---	%/wt.	---	(114)
Arkansas River	Caddoa, Colo.	19,000[b]	6/2/39-9/23/41	37	B1:1v	ppm	---	(155)
	.....do.....	19,000[b]	6/15/38-9/30/46	9/	3:1v	%/wt.	---	(114)
Arkansas River	Lamar, Colo.	19,800[b]	6/2/39-9/23/41	31	B1:1v	ppm	---	(155)
	.....do.....	19,800[b]	10/9/42-6/27/45	4	---	%/wt.	---	(114)
Arkansas River	Holly Colo.	25,000[b]	5/13/39-9/23/41	31	B1:1v	ppm	---	(155)
	.....do.....	25,000[b]	10/9/43-9/30/46	---	---	%/wt.	---	(114)
Arkansas River	Syracuse, Kans.	25,500[b]	6/2/39-9/23/41	17	B1:1v	ppm	---	(155)
Arkansas River	Lakin, Kans.	27,700	3/19/40-7/15/41	4	B1:1v	ppm	---	(155)
Arkansas River	Deerfield, Kans.	25,860[b]	12/11/06-12/2/07	26	B1:1v	ppm	---	(94)
Arkansas River	Garden City, Kans.	28,800[b]	6/2/39-7/15/41	7	B1:1v	ppm	---	(155)
Arkansas River	Great Bend, Kans.	35,300[b]	11/26/06-12/7/07	33	B1:1v	ppm	---	(94)
	.....do.....	33,630[a]	6/3/44-3/13/46	22	UA3:1m	%/wt.	---	(139)
Arkansas River	Hutchinson, Kans.	37,620[b]	5/6/44-5/7/44	2	UA3:1m	%/wt.	---	(139)
Arkansas River	Arkansas City, Kans.	44,700[b]	12/6/06-12/10/07	27	B1:1v	ppm	---	(94)
	.....do.....	43,126[a]	6/25/43-9/10/45	95	D113:1d1 10/	%/wt.	T	(139)
Arkansas River	Ralston, Okla.	53,860[a]	9/6/39-9/30/47	371	D113:1d1 10/	%/wt.	T	(139)
	.....do.....	55,490[b]	10/43-9/45	170	---	%/wt.	T/dy.	(140)
Arkansas River	Tulsa, Okla.	74,700[b]	10/18/30-9/8/31	73	UA3:1v	ppm	lb./sec.	(142)
	.....do.....	74,730[a]	10/7/31-11/28/31	5	---	ppm	---	(145)
	.....do.....	74,730[a]	8/12/39-9/15/47	412	D113:1d1 10/	%/wt.	T	(139)
	.....do.....	74,700[b]	10/43-9/45	209	---	%/wt.	T/dy.	(140)
Arkansas River	Muskogee, Okla.	96,750[a]	6/18/43-9/3/47	199	D113:1d1 10/	%/wt.	T	(139)
Arkansas River	Sallisaw, Okla.	147,630	6/1/43-9/3/47	213	D113:1d1 10/	%/wt.	T	(139)

7/ One sample daily at low flows, set of 3 at changes of stage during floods.
8/ One sample weekly.
9/ Samples taken tri-weekly during normal flows.
10/ Predominate method. Number of observations includes one or more of other UA types.

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Arkansas River Basin (cont'd)								
Arkansas River	Van Buren, Ark.	150,300[b]	2/29/44-	379	UA1-9:1-4v	%/wt.	T/dy.	(123)
	do.	150,300[b]	5/29/44-6/15/44	3	B1:1v	ppm	---	(155)
Arkansas River	Ozark, Ark.	151,690	10/22/30-9/22/31	96	UA3-8:1-3v	ppm	lb./sec.	(142)
	do.	151,690	10/9/31-11/27/31	5	---	ppm	---	(145)
	do.	151,690	10/29/41-10/10/44	50	UA1-3:1v	%/wt.	---	(123)
Arkansas River	Morrilton, Ark.	155,350[b]	4/23/41-5/16/44	51	UA1-3:1v	%/wt.	---	(123)
Arkansas River	Little Rock, Ark.	157,900[b]	5/30/87-11/21/87	40	---	%/wt.	---	(105)(112)
	do.	157,900[b]	10/87-9/88	179	B1:3v	%/wt.	T/mo.,T/dy.	(14)(15)
	do.	157,900[b]	11/1/06-10/24/07	Daily	B1:1e	%/wt.	T/dy.	(27)(141)
	do.	157,900[b]	1/26/32-4/25/32	75	--:2-3v	ppm	lb./sec.	(123)
	do.	157,900[b]	8/25/39-	601 11/	UA-11:1-4v	%/wt.	T/dy.	(123)
Arkansas River	Near Pine Bluff, Ark.	158,602	5/28/40-9/13/42	79	UA1-3:1v	%/wt.	---	(123)
Arkansas River	Pine Bluff, Ark.	158,650	2/20/79-7/8/79	135	HAk3:3v	ppm	cu.yd./dy.	(141)
Grape Creek	Westcliffe, Colo.	346	6/27/45-6/20/46	12	B1:1v	ppm	---	(155)
Beaver Creek	Penrose, Colo.	---	3/3/45-2/4/46	14	B1:1v	ppm	---	(155)
Minnequa Canal	Near Florence, Colo.	---	3/5/46-	7	B1:1v	ppm	---	(155)
Minnequa Canal	Near Pueblo, Colo.	---	3/5/46-	7	B1:1v	ppm	---	(155)
Fountain Creek	Fountain, Colo.	676[b]	5/8/41-9/30/46	---	---	%/wt.	---	(114)
Fountain Creek	Pueblo, Colo.	932[b]	6/23/41-9/30/46	---	---	%/wt.	---	(114)
Monument Creek	At Pikeview, Colo.	204[b]	3/9/44-9/11/45	5	---	%/wt.	---	(114)
St. Charles River	Pueblo, Colo.	464[b]	10/3/44-8/17/45	28	---	%/wt.	---	(114)
St. Charles River	Devine, Colo.	482[b]	---	---	---	---	---	(114)
Huerfano River	Badito, Colo.	513[b]	2/9/45-1/9/46	22	B1:1v	ppm	---	(123)
	do.	513[b]	3/13/39-9/24/45	12/	3:1v	%/wt.	---	(114)
Huerfano River	Mustang, Colo.	800[b]	5/21/43-8/29/45	---	---	%/wt.	---	(114)
Huerfano River	Near Undercliffe, Colo.	1,710[b]	6/27/38-9/2/46	8/	3:1v	%/wt.	---	(114)
	do.	1,710[b]	2/10/45-	21	B1:1v	ppm	---	(89)
Black Squirrel Creek	Nepeeto, near Fowler, Colo	---	1943-44	---	---	---	ac.-ft.	(114)
Apishapa River	Near Aguilar, Colo.	129[b]	3/14/39-9/29/46	12/	3:1v	%/wt.	---	(114)
Apishapa River	Near White Rock, Colo.	792[b]	5/18/42-10/4/45	---	---	%/wt.	---	(114)
	do.	792[b]	2/10/45-10/24/45	8	B1:1v	ppm	---	(155)
Apishapa River	Near Fowler, Colo.	1,130[b]	6/1/39-9/28/46	8/	1-3:1v	%/wt.	---	(114)
Timpas Creek	La Junta, (Rocky Ford), Colo.	465[b]	-3/9/45	---	---	%/wt.	---	(114)
Horse Creek	Near Sugar City, Colo.	1,000[b]	5/28/40-	8/	---	%/wt.	---	(114)
Purgatoire River	At Trinidad, Colo.	742[b]	2/15/40-9/29/46	8/	3:1v	%/wt.	---	(114)
	do.	742[b]	3/8/45-2/11/46	21	B1:1v	ppm	---	(155)
Purgatoire River	Near Trinidad, Colo.	1,000	5/9/45-1/10/46	17	B1:1v	ppm	---	(155)
Purgatoire River	Near Higbee, Colo.	2,900[b]	10/14/43-9/30/46	---	---	%/wt.	---	(114)
Purgatoire River	At Highland Dam, near Las Animas, Colo.	3,320[b]	5/8/39-9/17/46	8/	3:1v	%/wt.	---	(114)
	do.	3,320[b]	4/23/40-7/15/41	7	B1:1v	ppm	---	(155)
Chicosa Arroyo	Trinidad, Colo.	---	5/9/45-1/10/46	17	B1:1v	ppm	---	(155)
Ft. Lyon Canal	Ft. Lyon, Colo.	---	5/10/39-9/23/41	34	B1:1v	ppm	---	(155)
Rule Creek	Near Caddoa, Colo.	542[b]	1942-44	---	---	---	ac.-ft.	(114)
Lamar Canal	Lamar, Colo.	---	5/2/39-9/23/41	31	B1:1v	ppm	---	(155)
Arkansas River drain	Near Lamar, Colo.	---	7/18/39-9/23/41	30	B1:1v	ppm	---	(155)
Holly drain	At Holly, Colo.	---	5/12/39-9/23/41	24	B1:1v	ppm	---	(155)
Cow Creek	Lyons, Kans.	480[a]	9/20/39-5/28/47	74	UA3:1m	%/wt.	T	(139)
Little Arkansas River	Valley Center, Kans.	1,340[a]	6/5/44-5/22/47	22	UA3:1m	%/wt.	---	(139)
Ninnescah River	Peck, Kans.	2,092[b]	4/30/40-5/21/47	75	UA3:1m	%/wt.	T	(139)
Walnut River	Winfield, Kans.	1,894[b]	12/2/06-11/26/07	30	B1:1v	ppm	---	(94)
	do.	1,860[a]	6/25/43-9/10/45	75	D1I3:1d1 10/	%/wt.	T	(139)
Salt Fk. Arkansas River	Alva, Okla.	1,020[b]	5/24/38-8/26/47	178	UA1:1m 13/	%/wt.	T	(139)
Salt Fk. Arkansas River	Cherokee, Okla.	2,300[b]	2/27/41-8/26/47	197	UA1:1m 13/	%/wt.	T	(139)
	do.	2,300[b]	10/43-9/45	92	---	%/wt.	T/dy.	(140)
Salt Fk. Arkansas River	Great Salt Plains Dam, Okla.	3,070[b]	9/29/45-6/9/47	36	B1:1e	%/wt.	---	(139)
Salt Fk. Arkansas River	Jet, Okla. 14/	3,070[b]	5/25/38-10/8/40	54	UA1:1m 13/	%/wt.	T	(139)
	do. 15/	3,072[a]	11/27/40-8/26/47	189	UA1:1m 13/	%/wt.	T	(139)
	do.	3,070[b]	10/43-9/45	104	---	%/wt.	T/dy.	(140)
Salt Fk. Arkansas River	Tonkawa, Okla.	4,480[b]	6/2/38-9/10/45	94	UA1:1m 13/	%/wt.	T	(139)
Medicine Lodge River	Kiowa, Kans.	940[a]	1/21/07-9/14/07	20	B1:1v	ppm	---	(94)
	do.	1,000[b]	5/25/38-8/26/47	197	UA1:1m 13/	%/wt.	T	(139)
Cottonwood Canyon	Cherokee, Okla.	47	10/2/44-2/24/45	4	UA3:1m 10/	%/wt.	---	(139)
Chikaskia River	Argonia, Kans.	520	11/30/06-7/5/07	20	B1:1v	ppm	---	(94)
Chikaskia River	Blackwell, Okla.	1,690[b]	6/2/38-9/10/45	93	D1I3:1d1 13/	%/wt.	T	(139)
Black Bear Creek	Pawnee, Okla.	515	8/21/44-7/2/47	65	UA3:1m 13/	%/wt.	T	(139)
Cimarron River	At Foleom, N. Mex.	---	7/7/40-8/30/40	3	---	ppm	---	(121)
Cimarron River	Near Boise City, Okla.	2,060[b]	7/13/40-8/20/41	41	---	ppm	---	(155)
	do.	2,320[a]	6/9/38-8/30/46	88	UA1:1m 10/	%/wt.	T	(139)
Cimarron River	Arkalon, Kans.	---	1939	---	---	---	---	(123)
Cimarron River	Liberal, Kans. 16/	8,735[a]	8/30/38-10/29/42	53	UA1:1m 10/	%/wt.	T	(139)
Cimarron River	Near Mocane, Okla.	9,150[a]	8/24/42-5/19/47	104	UA1:1m 10/	%/wt.	T	(139)
	do.	9,350[b]	10/16/44-6/4/45	6	---	ppm	---	(155)
Cimarron River	Englewood, Kans.	---	11/30/06-11/30/07	30	B1:1e	ppm	---	(94)
	do.	10,470	8/23/38-9/17/42	86	UA1:1m 10/	%/wt.	T	(139)
	do.	---	6/29/40-3/2/41	2	---	ppm	---	(155)
Cimarron River	Waynoka, Okla.	13,735[b]	5/21/38-7/23/47	226	UA1:1m 10/	%/wt.	T	(139)
	do.	13,735[b]	1939	---	---	---	---	(123)
	do.	13,735[b]	6/26/40-2/24/41	2	B1:1v	ppm	---	(155)
Cimarron River	Guthrie, Okla.	17,360[b]	10/15/30-9/8/31	68	UA3:1v	ppm	lb./sec.	(142)
	do.	17,360[b]	10/1/31-10/29/31	4	---	ppm	---	(145)
	do.	17,355[a]	6/14/38-7/8/47	183	UA1:1m 10/	%/wt.	T	(139)
	do.	17,360[b]	1939	---	---	---	---	(123)

8/ One sample weekly.
10/ Predominate method. Number of obeervations includee one or more of other UA typee.
11/ Includee a number of obeervations with D-43, P-46, and Little Rock samplere.
12/ Samplee taken two or three timee monthly.
13/ Predominate method. Number of obeervations includee one or more of other UA and D1I typee.
14/ Before Great Salt Plains Dam became effeotive in storing eediment.
15/ After Great Salt Plains Dam became effeotive in storing eediment. Station 0.6 mile below dam.
16/ Includee eome samplee from station in eame vioinity formerly deeignated as Arkalon, Kanaae.

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Arkansas River Basin (cont'd)								
Cimarron River	Perkins, Okla.	18,385[a]	6/29/39-6/25/47	238	UA3:1m 13/	%/wt.	T	(139)
Cimarron River	Oilton, Okla.	19,185[a]	6/21/38-4/13/45	18	UA3:1m 10/	%/wt.	---	(139)
	.....do.....	19,180[b]	1939	---	---	---	---	(123)
Cimarron River	Mannford, Okla.	19,370[b]	6/30/39-9/22/47	426	D1I3:1d1 13/	%/wt.	T	(139)
	.....do.....	19,370[b]	10/43-9/45	207	---	%/wt.	T/dy.	(140)
Watershed 2	Guthrie, Okla.	0.0056	4/16/31-9/13/38	17/	R	%/wt.	T/ac.	(101)
Watershed 3	Guthrie, Okla.	0.0049	4/16/31-9/31/38	17/	R	%/wt.	T/ac.	(101)
Watershed 4	Guthrie, Okla.	0.0088	4/16/31-9/31/38	17/	R	%/wt.	T/ac.	(101)
Watershed 11	Guthrie, Okla.	0.0039	1/1/34-9/13/38	17/	R	%/wt.	T/ac.	(101)
Crooked Creek	Nye, Kans.	1,100[b]	6/2/44-4/18/47	49	UA1:1m 10/	%/wt.	T	(139)
Stillwater Creek	Near Stillwater, Okla.	---	4/15/29-4/24/29	6	---	%/wt.	---	(49)
Stillwater Creek	At Stillwater, Okla.	165	10/34-12/37	18/	D1v3:1d1	ppm	T/dy.	(44)
W. Fk. Brush Creek	Near Stillwater, Okla.	13.1[b]	10/34-12/37	18/	D1v3:1d1	ppm	T/dy.	(44)
Council Creek	Near Stillwater, Okla.	30.2[b]	4/34-12/37	18/	D1v3:1d1	ppm	T/dy.	(44)
Polecat Creek	Heyburn Station, Okla.	133	2/18/44-7/24/47	62	UA3:1m 13/	%/wt.	T	(139)
Verdigris River	Coyville, Kans.	770[b]	4/17/40-6/27/47	108	UA3:1m 10/	%/wt.	T	(139)
Verdigris River	Altoona, Kans.	1,150[b]	4/9/40-6/27/47	127	UA3:1m 10/	%/wt.	T	(139)
Verdigris River	Independence, Kans.	2,835[a]	4/17/45-4/19/45	3	UA3:1m 10/	%/wt.	---	(139)
Verdigris River	Coffeyville, Kans.	3,250	12/11/06-7/17/07	19	B1:1v	ppm	---	(94)
Verdigris River	Lenapah, Okla.	3,580[a]	4/19/40-8/29/47	78	UA3:1m 13/	%/wt.	T	(139)
Verdigris River	Sageeyah, Okla.	4,320[a]	5/26/38-8/13/45	148	UA3:1m 13/	%/wt.	T	(139)
Verdigris River	Claremore, Okla.	6,500[a]	4/22/41-3/21/45	2	UA3:1m 10/	%/wt.	---	(139)
Verdigris River	Inola, Okla.	7,900	4/19/41-8/28/47	82	UA3:1m 10/	%/wt.	T	(139)
Verdigris River	Wagoner, Okla.	8,060	4/21/41-4/24/41	2	UA5:1m	%/wt.	---	(139)
Verdigris River	Okay, Okla.	8,140	10/28/30-9/7/31	75	UA3:1v	ppm	lb./sec.	(142)
	.....do.....	8,140	10/2/31-12/1/31	4	---	ppm	---	(145)
Fall River	Fall River, Kans.	573[b]	4/17/40-5/1/47	83	UA3:1m 10/	%/wt.	T	(139)
Fall River	Fredonia, Kans.	816[b]	8/10/39-5/2/46	79	UA3:1m 10/	%/wt.	T	(139)
Fall River	Neodesha, Kans.	848	7/1/07-6/10/08	21	B1:1v	ppm	---	(94)
Elk River	Elk City, Kans.	577[b]	4/30/40-5/20/47	53	UA3:1m 13/	%/wt.	T	(139)
Caney River	Elgin, Kans.	440[a]	4/26/40-6/5/47	46	UA3:1m 10/	%/wt.	T	(139)
Caney River	Hulah, Okla.	750[b]	5/21/38-6/5/47	88	UA3:1m 10/	%/wt.	T	(139)
Caney River	Bartlesville, Okla.	1,430	4/9/44-7/1/47	31	UA3:1m 10/	%/wt.	T	(139)
Caney River	Ramona, Okla.	1,995	10/1/44-7/24/47	35	UA1:1m 10/	%/wt.	---	(139)
Little Caney River	Copan, Okla.	430	4/23/44-6/4/47	46	UA3:1m 10/	%/wt.	---	(139)
Bird Creek	Pawhuska, Okla.	100	3/22/44-7/1/45	13	UA3:1m 10/	%/wt.	---	(139)
Bird Creek	Barnsdall, Okla.	---	7/1/45-7/2/45	2	UA3:1m	%/wt.	---	(139)
Bird Creek	Avant, Okla.	390	8/18/45-7/3/47	29	UA1:1m 10/	%/wt.	---	(139)
Hominy Creek	Skiatook, Okla.	340	3/22/44-7/1/47	86	UA1:1m 10/	%/wt.	---	(139)
Neosho River	Council Grove, Kans.	265[b]	6/11/40-6/23/47	83	UA3:1m 10/	%/wt.	T	(139)
Neosho River	Emporia, Kans.	740	12/5/06-12/5/07	28	B1:1v	ppm	---	(94)
Neosho River	Neosho Rapids, Kans.	2,691	10/27/41-12/8/44	5	UA3:1m 10/	%/wt.	---	(139)
Neosho River	Strawn, Kans.	2,847	6/20/46-6/21/46	4	UA3:1m	%/wt.	---	(139)
Neosho River	Burlington, Kans.	3,003	5/5/44-12/6/44	2	UA3:1m 10/	%/wt.	---	(139)
Neosho River	Iola, Kans.	3,705[a]	5/20/40-6/11/47	29	UA3:1m 10/	%/wt.	---	(139)
	.....do.....	3,795[b]	6/5/41-6/13/41	8	---	%/wt.	T	(153)
Neosho River	Chanute, Kans.	4,190	5/20/40-6/14/40	12	UA3:1m	%/wt.	---	(139)
Neosho River	Parsons, Kans.	4,828[b]	4/11/40-4/14/41	19/	UA3:1d1	%/wt.	T	(153)
Neosho River	Oswego, Kans.	5,230	12/11/06-12/9/07	26	B1:1v	ppm	---	(94)
	.....do.....	4,940	6/2/41-6/7/41	2	UA3:1m 10/	%/wt.	---	(139)
Neosho River	Commerce, Okla.	5,880[b]	4/10/40-4/15/41	19/	UA3:1d1	%/wt.	T	(153)
	.....do.....	5,900[a]	6/2/44-7/1/47	79	UA1:1m 10/	%/wt.	T	(139)
Neosho River	Langley, Okla.	10,425[a]	9/28/45-6/11/47	12	UA1:1m	%/wt.	---	(139)
Neosho River	Choteau, Okla.	11,660[a]	2/23/40-5/21/47	88	UA1:1m 10/	%/wt.	T	(139)
Neosho River	Locust Grove, Okla.	11,950	5/31/38-8/2/38	2	UA3:1m	%/wt.	---	(139)
Neosho River	Wagoner, Okla.	12,415[a]	10/24/30-9/7/31	72	UA3:1v	ppm	lb./sec.	(142)
	.....do.....	12,400[b]	10/2/31-12/1/31	7	---	ppm	---	(145)
	.....do.....	12,400[b]	6/24/38-7/3/47	102	UA1:1m 10/	%/wt.	T	(139)
Cottonwood River	Marion, Kans.	335[b]	4/18/40-6/23/47	88	UA1:1m 10/	%/wt.	T	(139)
Cottonwood River	Cottonwood Falls, Kans.	1,444[b]	4/18/40-4/13/41	19/	UA3:1d1	%/wt.	T	(153)
Cottonwood River	Emporia, Kans.	1,880	12/4/06-12/3/07	33	B1:1v	ppm	---	(94)
	.....do.....	1,760	5/19/40-6/5/40	7	UA3:1m	%/wt.	---	(139)
Cedar Creek	Cedar Point, Kans.	110[b]	4/18/40-6/23/47	103	UA1:1m 10/	%/wt.	T	(139)
Middle Creek	Elmdale, Kans.	94[a]	4/18/40-6/25/46	94	UA1:1m 10/	%/wt.	T	(139)
Flat Rock Creek	St. Paul, Kans.	140	3/8/40-6/3/41	24	UA3:1m 10/	%/wt.	---	(139)
Lightning Creek	McCune, Kans.	197[b]	4/17/40-2/21/46	77	UA3:1m 10/	%/wt.	T	(139)
Labetts Creek	Oswego, Kans.	209[b]	4/24/40-3/21/45	58	UA3:1m 10/	%/wt.	T	(139)
Spring River	Baxter Springs, Kans.	1,890	12/1/06-11/30/07	34	B	ppm	---	(94)
Spring River	Quapaw, Okla.	2,560[b]	2/9/40-4/16/41	10/	UA3:1d1	%/wt.	T	(153)
	.....do.....	2,485[a]	6/2/44-6/9/47	73	UA1:1m 10/	%/wt.	T	(139)
Elk River	Tiff City, Mo.	848[b]	4/11/40-2/4/41	19/	UA3:1d1	%/wt.	T	(153)
	.....do.....	890[a]	6/16/44-4/30/47	69	UA1:1m 10/	%/wt.	T	(139)
Pryor Creek	Pryor, Okla.	229	6/10/42-2/9/44	3	UA1:1m 10/	%/wt.	---	(139)
Illinois River	Gore, Okla.	1,603[a]	8/31/39-8/27/47	32	UA3:1m 10/	%/wt.	---	(139)
	.....do.....	1,583[b]	6/6/44-6/26/44	3	B1:1v	ppm	---	(155)
Dirty Creek	Warner, Okla.	229[b]	4/11/40-8/8/46	108	D1I3:1d1 13/	%/wt.	T	(139)
Dirty Creek	Webbers Falls, Okla.	388	2/29/40-8/18/40	4	UA3:1m 10/	%/wt.	---	(139)
Canadian River	French, N. Mex.	1,480[b]	6/3/37-	---	---	---	---	(114)
Canadian River	Near Taylor Springs, N. Mex.	2,740[b]	6/27/40	---	---	---	---	(114)
Canadian River	Near Roy, N. Mex.	4,000[b]	5/25/37-9/30/46	---	---	---	---	(114)
Canadian River	Near Sanchez, N. Mex.	6,000[b]	5/13/37-9/30/46	---	---	---	---	(114)
Canadian River	S. Canadian Arm of Conchas Reservoir, N. Mex.	---	---	---	---	---	---	(114)
Canadian River	Below Conchas Dam, N. Mex.	7,350[b]	5/29/37-9/30/46	20/	---	---	---	(114)

10/ Predominate method. Number of observations includes one or more of other UA types.
13/ Predominate method. Number of observations includes one or more of other UA and D1I types.
17/ Composite sampling of all runoff to December 31, 1936, intermittent sampling thereafter.
18/ Minimum of 1 sample per day, with 2 to 10 per day during changing stages.
19/ Samples taken at intervals of 3 to 7 days during low flows and 3 to 4 hours during high flows.
20/ Intermittent.

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Arkansas River Basin (cont'd)								
Canadian River	At Logan, New Mex.	11,200[b]	2/4/44-8/28/46	8	---	ppm	---	(155)
Canadian River	Amarillo, Tex.	19,950[a]	7/19/38-7/22/47	261	UA3:1m 10/	%/wt.	T	(139)
	do.	19,830[b]	4/24/42-9/3/46	37	---	ppm	---	(155)
Canadian River	Canadian, Tex.	23,570[a]	7/20/38-7/21/47	249	UA3:1m 10/	%/wt.	T	(139)
Canadian River	Taloga, Okla.	25,200	5/23/38-4/30/45	133	UA3:1m 10/	%/wt.	T	(139)
Canadian River	Bridgeport, Okla.	26,050[b]	2/21/44-7/8/47	190	UA1:1m 10/	%/wt.	T	(139)
Canadian River	Winfield, Okla.	---	1939	---	---	---	---	(123)
Canadian River	Newcastle, Okla.	26,590[a]	6/3/38-9/30/45	281	UA1:1m 10/	%/wt.	T	(139)
	do.	26,600[b]	9/8/44-3/12/45	12	B1:1v	ppm	---	(155)
Canadian River	Calvin, Okla.	28,700[b]	10/30/30-9/2/31	70	UA3:1v	ppm	lb./sec.	(142)
	do.	28,700[b]	10/16/31-10/30/31	3	---	ppm	---	(145)
	do.	28,700[b]	6/15/38-9/23/47	316	UA3:1m 13/	%/wt.	T	(139)
Canadian River	Whitefield, Okla.	47,370[b]	6/23/38-9/3/47	430	D1I3:1d1 13/	%/wt.	T	(139)
	do.	47,370[b]	5/29/44-3/15/45	6	B1:1v	ppm	---	(155)
Canadian River	Near Whitefield, Okla.	47,370[b]	10/44-9/45	94	---	%/wt.	T/day.	(140)
Ocate Creek	Colmor, N. Mex.	---	---	---	---	---	---	(114)
Conchas River	At Variadero, N. Mex.	---	5/26/37-8/31/46	---	---	---	---	(114)
Conchas River	Conchas Arm of Conchas Reservoir, N. Mex.	---	---	---	---	---	---	(114)
Upper Pajarito Creek	---, N. Mex.	350	9/22/41-7/13/45	6	---	ppm	---	(155)
Ute Creek	Near Logan, N. Mex.	---	4/30/42-8/28/46	12	---	ppm	---	(155)
Plaza Large Creek	Tucumcari, N.Mex.	---	9/22/41-8/19/46	8	---	ppm	---	(155)
Revuelto Creek	Logan, N. Mex.	---	7/1/43-8/28/46	6	B1:1v	ppm	---	(155)
Bull Canyon	---N. Mex.	---	9/22/41-8/19/44	3	---	ppm	---	(155)
Little River	Tecumseh, Okla.	463[b]	4/19/44-9/10/47	186	UA3:1m 13/	%/wt.	T	(139)
Little River	Sasakwa, Okla.	840[b]	10/26/43-7/2/47	180	D1I3:1d1 13/	%/wt.	T	(139)
Gaines Creek	Krebs, Okla.	580[a]	2/28/44-5/19/47	17	UA3:1m 10/	%/wt.	---	(139)
North Canadian River	Guymon, Okla.	2,042[a]	6/3/37-5/20/47	159	UA3:1m 10/	%/wt.	T	(139)
North Canadian River	Hardesty, Okla.	4,770	9/7/38-2/14/39	16	UA1:1m 10/	%/wt.	---	(139)
North Canadian River	Beaver, Okla.	7,210[b]	5/19/38-5/16/47	153	UA1:1m 10/	%/wt.	T	(139)
North Canadian River	Fort Supply, Okla.	8,920[b]	5/19/38-7/28/47	209	UA1:1m 10/	%/wt.	T	(139)
North Canadian River	Woodward, Okla 21/	10,655[a]	5/23/38-4/16/41	41	UA1:1m 10/	%/wt.	T	(139)
	do. 22/	10,680[b]	5/2/41-7/28/47	235	UA1:1m 10/	%/wt.	T	(139)
North Canadian River	Seiling, Okla.	11,387	8/19/43-7/30/47	96	UA1:1m 10/	%/wt.	---	(139)
North Canadian River	Canton, Okla 21/	11,640[a]	5/20/38-4/30/41	594	UA1:1m 10/	%/wt.	T	(139)
	do 22/	11,600[b]	5/1/41-7/22/47	1,075	UA3:1m 10/	%/wt.	T	(139)
	do.	11,600[b]	5/1/43-1/11/45	34	---	ppm	T	(155)
North Canadian River	Watonga, Okla.	11,860	11/5/43-3/10/44	28	UA1:1m 10/	%/wt.	---	(139)
North Canadian River	El Reno, Okla.	12,140[a]	6/13/38-6/27/47	296	UA1:1m 10/	%/wt.	T	(139)
North Canadian River	Oklahoma City, Okla.	12,440[a]	8/13/40-7/8/47	105	UA1:1m 10/	%/wt.	---	(139)
North Canadian River	Wetumka, Okla.	13,510[a]	5/31/38-7/2/47	305	D1I3:1d1 13/	%/wt.	T	(139)
Coldwater Creek	Hardesty, Okla.	1,860[b]	6/29/39-5/20/47	73	UA1:1m 10/	%/wt.	T	(139)
Wolf Creek	Lipscomb, Tex.	467[a]	5/9/38-4/27/45	46	UA1:1m 10/	%/wt.	T	(139)
Wolf Creek	Shattuck, Okla.	908[b]	5/18/38-9/30/46	155	UA1:1m 10/	%/wt.	T	(139)
Wolf Creek	Fargo, Okla 23/	1,340	3/19/41-7/28/47	216	UA1:1m 10/	%/wt.	T	(139)
	do.	1,340	10/43-9/45	96	---	%/wt.	T/dy.	(140)
Wolf Creek	Fort Supply Dam, Okla.	1,463[a]	7/25/44-6/26/47	36	UA3:1m 10/	%/wt.	---	(139)
Wolf Creek	Fort Supply, Okla 21/	1,467[a]	5/19/38-4/16/41	36	UA3:1m 10/	%/wt.	T	(139)
	do 24/	1,460[b]	5/1/41-6/30/47	252	UA1:1m 13/	%/wt.	T	(139)
	do.	1,460[b]	10/43-9/45	129	---	%/wt.	T/dy.	(140)
Deep Fork River	Beggs, Okla.	1,983[a]	7/18/39-7/10/47	108	UA3:1m 13/	%/wt.	T	(139)
Deep Fork River	Dewar, Okla.	2,300[b]	6/24/38-7/9/47	302	D1I3:1d1 13/	%/wt.	T	(139)
San Bois Creek	Keota, Okla.	346[b]	6/24/38-4/27/42	37	UA3:1m 10/	%/wt.	T	(139)
Poteau River	Cauthron, Ark.	198[b]	6/28/39-7/8/47	14	UA3:1m 10/	%/wt.	---	(139)
Poteau River	Wister, Okla.	1,085[b]	6/23/38-8/26/47	36	UA3:1m 10/	%/wt.	---	(139)
Poteau River	Poteau, Okla.	1,240[b]	6/23/38-8/30/44	7	UA3:1m 10/	%/wt.	---	(139)
Fourche Maline River	Red Oak, Okla.	124[a]	4/11/40-7/7/47	20	UA3:1m 10/	%/wt.	---	(139)
Mulberry River	Near Mulberry, Ark.	372[b]	4/11/40-3/19/45	3	UA1:1m 10/	%/wt.	---	(139)
	do.	372[b]	4/11/40-	9	UA1-3:1v	%/wt.	---	(123)
Petit Jean Creek	Near Booneville, Ark.	247[b]	4/6/39-	21	UA1-3:1v	%/wt.	---	(123)
Petit Jean Creek	Near Blue Mountain, Ark.	495[b]	3/6/40-5/20/42	28	UA1-3:1v	%/wt.	---	(123)
Petit Jean Creek	Near Wavsland, Ark.	517[b]	2/28/44-	20	UA1-3:1v	%/wt.	---	(123)
Petit Jean Creek	Danville, Ark.	760[b]	8/8/40-	12	UA1-3:1v	%/wt.	---	(123)
Petit Jean Creek	Pontoon, Ark.	1,051	4/14/43-4/17/43	4	UA1-3:1v	%/wt.	---	(123)
Point Remove Creek	Near Morrilton, Ark.	486	4/7/39-8/23/39	4	UA1:1v	%/wt.	---	(123)
E.Fk. Point Remove Creek	Near Morrilton, Ark.	118	4/7/39-8/23/39	2	UA1:1v	%/wt.	---	(123)
Cadron Creek	Near Conway, Ark.	768	4/7/39-10/1/39	2	UA1-3:1v	%/wt.	---	(123)
N. Fk. Cadron Creek	Near Bono, Ark.	203	10/1/39-8/23/40	3	UA1:1v	%/wt.	---	(123)
E. Fk. Cadron Creek	Near Holland, Ark.	250	4/8/39-2/25/41	3	UA1-3:1v	%/wt.	---	(123)
Fourche La Fave River	Near Gravelly, Ark.	413[b]	4/6/39-	280	UA1-5:1v	%/wt.	---	(123)
	do.	413[b]	3/19/45	1	UA3:1m	%/wt.	---	(139)
Fourche La Fave River	Nimrod Dam, near Nimrod, Ark.	680[b]	11/10/44-	243	B1:1v	%/wt.	---	(123)
Fourche La Fave River	Near Nimrod, Ark.	684[b]	6/25/38-4/4/45	30 25/	UA1-3:1v	%/wt.	---	(123)
	do.	684[b]	9/10/42	27 25/	UA1:1-3:1v	%/wt.	---	(123)
Fourche La Fave River	Near Aplin, Ark.	956	5/2/41-4/28/44	25 25/	UA1-3:1v	%/wt.	---	(123)
Fourche La Fave River	Perryville, Ark.	1,025	3/26/43-4/22/46	14	UA1-3:1v	%/wt.	---	(123)
Fourche La Fave River	Near Houston, Ark.	1,048	5/5/44-4/22/46	7	UA1-3:1v	%/wt.	---	(123)
South Fourche La Fave River	Near Hollis, Ark.	214[b]	4/19/41-5/23/46	20	UA1-3:1v	%/wt.	---	(123)
Palarm Creek	Near Mayflower, Ark.	170	4/6/39	2	UA1:1v	%/wt.	---	(123)

10/ Predominate method. Number of obeervations includee one or more of other UA typee.
13/ Predominate method. Number of obeervation includes one or more of other UA and DiI types.
21/ Before Fort Supply Dam became effective in storing sediment.
22/ After Fort Supply Dam bsoame effective in storing sediment.
23/ Includee some samples from station in same vicinity formerly deeignated as Tangier, Okla.
24/ After Fort Supply Dam became effective in storing sediment. Station 1.5 miles below dam.
25/ Sediment load affected by Nimrod Reservoir after May 1942.

Part 7

LOWER MISSISSIPPI RIVER BASIN

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Yazoo River Basin								
Tallahatchie River	Rocky Ford, Miss.	---	1/24/39-6/30/39	14	B4:1d1	ppm	---	(153)
Tallahatchie River	Near Sardis, Miss.	1,545[b]	1/21/37-5/7/37	20	---:3v	ppm	lb./sec.	(153)
Tallahatchie River	Sardis, (Outlet), Miss.	1,545[b]	1/41-3/42	38	Vht4:3-4v	ppm	lb./sec.	(146)
Tallahatchie River	Sardis, (Belmont Bridge), Miss.	1,680	1/37-5/37	20	Vht2-4:1-4v	ppm	lb./sec.	(146)
	....do....	1,680	10/40-2/42	32	Vht2-4:1-4v	ppm	lb./sec.	(146)
Tallahatchie River	Lambert, Miss.	1,980[b]	10/40-2/42	33	Vht2-4:1-4v	ppm	lb./sec.	(146)
Tallahatchie River	Swan Lake, Miss.	5,130[b]	10/40-2/42	34	Vht2-4:1-4v	ppm	lb./sec.	(146)
Yazoo River	Greenwood, Miss.	7,450[b]	9/16/30-9/26/31	122	Vv8:3v	ppm	lb./sec.	(142)
	....do....	7,450[b]	1/25/32-4/29/32	58	Vv2-6:1-4v	ppm	lb./sec.	(146)
	....do....	7,450[b]	3/37	3	Vht2-6:1-4v	ppm	lb./sec.	(146)
	....do....	7,450[b]	12/38-11/46	415	Vht2-6:1-4v	ppm	lb./sec.	(146)
Yazoo River	Yazoo City, Miss.	8,900	10/40-2/42	17	Vht4:1-4v	ppm	lb./sec.	(146)
Yazoo River	Vicksburg, Miss.	13,400	6/11/29-6/29/29	5	MRC8:3v	ppm	lb./sec.	(141)
Cane Creek	Love, Miss.	14	10/41-4/42	432	Vv1-4:1-2v	ppm	lb./sec.	(148)
Tippah Creek	Potts Camp, Miss.	---	1/25/39-3/30/39	4	B4:1d1	ppm	---	(153)
Tippah Creek	Bethlehem, Miss.	---	1/25/39-7/13/39	20	B4:1d1	ppm	---	(153)
Spring Creek	Malone, (Lowest Bridge), Miss.	---	1/25/39-7/12/39	7	B1:1d1	ppm	---	(153)
Spring Creek	Malone, (2nd bridge above mouth), Miss.	---	1/25/39-7/10/39	3	B4:1d1	ppm	---	(153)
Hurricane Creek	Oxford, Miss.	---	2/14/39-2/39	2	B4:1d1	ppm	---	(153)
Tobitubby Creek	Oxford, Miss.	---	1/24/39-2/26/39	4	B4:1d1	ppm	---	(153)
Clear Creek	Burgess, Miss.	---	2/25/39-3/28/39	8	B4:1d1	ppm	---	(153)
Lee Creek	Sardis, Miss.	---	2/3/39-2/26/39	4	B4:1d1	ppm	---	(153)
Yocona River	Enid, Miss.	560[b]	1/37-5/37	14	Vv4-7:1-4v	ppm	lb./sec.	(146)
	....do....	560[b]	1/39-5/42	164	Vht4-7:1-4v	ppm	lb./sec.	(146)
Coldwater River	Lewisburg, Miss.	136[b]	12/39-6/42	175	Vht5:1-4v	ppm	lb./sec.	(146)
Coldwater River	Coldwater, Miss.	617	1/37-5/37	17	Vv2-7:1-4v	ppm	lb./sec.	(146)
	....do....	617	12/38-3/42	258	Vht2-7:1-4v	ppm	lb./sec.	(146)
Coldwater River	Arkabutla, (Pratte Bridge), Miss.	1,000[b]	12/39-10/41	127	Vht3-8:1-4v	ppm	lb./sec.	(146)
Coldwater River	Sarah, Miss.	1,395	10/40-2/42	37	Vht2-4:1-4v	ppm	lb./sec.	(146)
Pigeonroost Creek	Lewisburg, Miss.	292[b]	12/39-6/42	179	Vht1-4:1-4v	ppm	lb./sec.	(146)
Camp Creek	Lewisburg, Miss.	55	12/39-7/42	612	Vv1-4:1-2v	ppm	lb./sec.	(146)
E.Fk. Hurricane Creek	Nesbitt, Miss.	15	12/39-11/41	456	Vv1:1-2v	ppm	lb./sec.	(146)
Hurricane Creek (Over Bank)	Frees Corner, Miss.	34	2/40-6/42	10	Vv2-3:1-2v	ppm	lb./sec.	(146)
Hurricane Creek	Frees Corner, Miss.	36	1/40-6/42	1,005	Vv1-5:1-2v	ppm	lb./sec.	(146)
N.Fk. Hurricane Creek	Nesbitt, Miss.	9	12/39-11/41	438	Vv1:1-2v	ppm	lb./sec.	(146)
Panther Creek	Frees Corner, Miss.	10	12/39-6/42	1,007	Vv1-3:1-2v	ppm	lb./sec.	(146)
Beartail Creek	Coldwater, Miss.	33	1/37-5/37	15	Vv1-5:1-2v	ppm	lb./sec.	(146)
	....do....	33	12/39-7/42	1,134	Vht1-5:1-2v	ppm	lb./sec.	(146)
Yalobusha River	Grenada, Miss.	1,550[b]	1/37-5/37	13	Vv1-11:1-4v	ppm	lb./sec.	(146)
	....do....	1,550[b]	12/38-6/42	202	Vht1-11:1-4v	ppm	lb./sec.	(146)
Red River Basin								
Prairie Dog Town Fk. Red River	Canyon, Tex.	2,555	6/21/39-7/3/41	6	UA3:1m 10/	%/wt.	T	(139)
Prairie Dog Town Fk. Red River	Brice, Tex.	5,007[a]	1/8/39-5/27/44	93	UA3:1m 10/	%/wt.	T	(139)
Prairie Dog Town Fk. Red River	Estelline, Tex.	6,380[a]	7/28/38-12/6/44	210	UA3:1m 10/	%/wt.	T	(139)
Red River	Terral, Okla.	27,500[a]	6/18/38-6/14/45	162	UA3:1m 10/	%/wt.	T	(139)
Red River	Gainesville, Tex.	29,600[a]	6/8/36-7/23/47	290	UA3:1m 26/	%/wt.	T	(139)
	....do....	29,460[b]	10/44-9/45	35	---	%/wt.	T/dy.	(140)
Red River	Lake Texoma, Tex. 27/	38,290[b]	10/20/45-6/16/47	---	---	---	---	(139)
Red River	Denison Dam, Tex. 28/	38,290[b]	8/21/42-6/25/43	23	UA2:1m 10/	%/wt.	---	(139)
	....do. 29/	38,290[b]	10/2/45-6/25/47	79	UA1:1m 10/	%/wt.	---	(139)
Red River	Denison, Tex. 30/	38,290[b]	8/13/30-8/21/33	---	UA	%/wt.	T&ac.-ft.	(10)
	....do. 30/	38,290[b]	9/9/30-9/30/31	159	Vv8:3v	ppm	lb./sec.	(142)
	....do....	32,840[b] 31/	8/31/36-10/15/39	---	UA	%/wt.	T&ac.-ft.	(10)
	....do....	38,290[b]	10/44-9/45	9	---	%/wt.	T/dy.	(140)
	....do....	38,290[b]	5/44-10/46	102	B1:1m	ppm	---	(163)
Red River	Colbert, Okla. 32/ 33/ ..	38,330[b]	6/2/36-7/3/42	101	UA3:1m 34/	%/wt.	---	(139)
	....do 32/....	38,330[b]	8/31/36-10/15/39	---	UA	%/wt.	T&ac.-ft.	(10)
	....do 28/ 32/.	38,330[b]	8/21/42-10/12/43	33	UA3:1m 10/	%/wt.	---	(139)
	....do 29/ 32/.	38,330[b]	2/3/44-7/24/47	45	UA3:1m 13/	%/wt.	T	(139)
Red River	Arthur City, Tex. 33/....	43,170[a]	6/28/38-4/27/42	61	UA3:1m 10/	%/wt.	T	(139)
	....do 28/....	43,110[b]	10/20/42-12/28/43	5	UA3:1m 10/	%/wt.	---	(139)
	....do 29/....	43,110[b]	2/22/44-7/31/47	99	UA3:1m 13/	%/wt.	T	(139)
Red River	Index, Ark.	46,580[b]	11/5/30-9/28/31	137	Vv8:3v	ppm	lb./sec.	(142)
	....do 33/....	46,560[a]	6/7/38-10/13/42	39	UA3:1m 10/	%/wt.	---	(139)
	....do 28/....	46,580[b]	10/22/42-6/18/43	2	UA3:1m	%/wt.	---	(139)
	....do 29/....	46,580[b]	4/22/44-7/16/47	85	UA3:1m 13/	%/wt.	---	(139)
Red River	Fulton, Ark.	---	1938	---	---	---	---	(127)
	....do....	50,856	10/38-5/43	185	Vht3-13:1-4v	ppm	lb./sec.	(127)
	....do....	50,860	10/21/38-4/2/42	192	---	ppm	---	(127)
	....do....	50,860	2/28/43	1	5:6v	ppm	---	(127)
	....do....	50,720	4/2/45-10/16/45	15	UA3:1m 10/	%/wt.	---	(139)
Red River	Shreveport, La.	59,300[b]	2/23/91-2/11/93	3	1:3	%/wt.	---	(168)
	....do....	59,300[b]	10/18/38-6/15/42	222	Vht4-8:1-4v	ppm	lb./sec.	(127)
	....do....	59,300[b]	6/3/43	1	5:7v	ppm	---	(127)

10/ Predominate method. Number of observations includes one or more of other UA types.
13/ Predominate method. Number of observations includes one or more of other UA and DiI types.
26/ Predominate method. Number of observations includes one or more of other UA, DiI, and MRC types.
27/ Various samples of an investigational nature.
28/ Between closure of Red River by Denison Dam and beginning of permanent storage in Lake Texoma, 7/27/42 to 1/6/44.
29/ After beginning of permanent storage by Denison Dam, 1/6/44.
30/ Station designated by U.S.G.S. as Colbert, Okla., since 1935.
31/ Net drainage area.
32/ Station designated by U.S.G.S. as Denison, Tex., before 1935.
33/ Before closure of Red River by Denison Dam, 7/27/42.
34/ Predominate method. Number of observations includes one or more of other UA and MRC types.

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Red River Basin (cont'd)								
Red River	Coushatta, La.	61,640[b]	4/26/40-4/28/40	2	Vnt6:1-4v	ppm	lb./sec.	(127)
Red River	Above mouth of Bayou Winsey, La.	---	5/14/91-5/22/91	2	1:3	$/wt.	---	(168)
Red River	Grand Ecore, La.	62,900[b]	4/26/40-4/29/40	2	Vnt5:1-4v	ppm	lb./sec.	(127)
Red River	Below head of Cane River, La.	---	5/30/91-2/28/93	3	1:3	$/wt.	---	(168)
Red River	Above Alexandria, La.	---	6/20/91-8/29/91	3	1:3	$/wt.	---	(168)
Red River	Alexandria, La.	65,900[b]	6/24/79-7/1/79	22	Msb3:2v	ppm	lb./sec.	(141)
	do.	65,900[b]	6/17/91-3/7/93	9	1:3	$/wt.	---	(168)
	do.	65,900[b]	9/23/30-9/29/31	155	Vv8:3v	ppm	lb./sec.	(142)
	do.	65,900[b]	1/29/32-4/30/32	50	Vv1-6:1-4v	ppm	lb./sec.	(127)
	do.	65,900[b]	4/27/40-4/30/40	2	Vnt1-6:1-4v	ppm	lb./sec.	(127)
Red River	Saline Point, La.	---	11/21/91-11/25/91	2	1:3	$/wt.	---	(168)
Red River	Lake Latania, La.	---	12/2/91-12/9/91	2	1:3	$/wt.	---	(168)
Red River	Above mouth of Black River, La.	---	12/21/91-3/14/93	2	1:3	$/wt.	---	(168)
Salt Fk. Red River	Mangum, Okla.	1,390[b]	4/11/05-6/28/06	178	Bl:1	---	T/dy.	(102)
	do.	1,590[a]	10/1/38-6/22/47	285	UA3:1m 10/	$/wt.	T	(139)
	do.	1,390[b]	9/4/40-1/15/45	52	---	ppm	---	(155)
N.Fk. Red River	Carter, Okla.	2,125	11/7/44-6/23/47	76	UA3:1m 10/	$/wt.	T	(139)
N.Fk. Red River	Granite, Okla.	2,540[b]	4/12/05-3/16/07	405	Bl:1	---	T/dy.	(102)
	do.	2,275[a]	11/3/38-10/5/44	60	UA3:1m 10/	$/wt.	T	(139)
	do.	2,540[b]	4/28/40-5/30/44	28	---	ppm	---	(155)
N.Fk. Red River	Headrick, Okla.	4,360[b]	5/20/05-3/19/07	332	Bl:1	---	T/dy.	(102)
	do.	4,170[a]	9/30/38-5/29/47	98	UA3:1m 10/	$/wt.	T	(139)
Elm Fk. of N.Fk. Red River	Mangum, Okla.	834[b]	5/13/05-3/22/07	438	Bl:1	---	T/dy.	(102)
	do.	935[a]	9/30/38-6/20/47	---	UA3:1m 10/	$/wt.	T	(139)
Elm Fk. of N.Fk. Red River	----, Okla.	---	4/6/40-3/16/44	38	---	ppm	---	(155)
Pease River	Near Crowell, Tex.	2,410 31/	7/1/42-9/30/42	71	UA1:1v	$/wt.	T&ac.-ft.	(7)
	do.	2,410 31/	10/1/42-9/30/43	249	UA1:1v	$/wt.	T&ac.-ft.	(8)
	do.	2,410 31/	10/1/43-9/30/44	265	UA1:1v	$/wt.	T&ac.-ft.	(9)
	do.	2,410 31/	10/1/44-9/30/45	333	UA1:1v	$/wt.	T&ac.-ft.	(11)
	do.	2,410 31/	10/1/45-9/30/46	287	UA1:1v	$/wt.	T&ac.-ft.	(12)
Pease River	Crowell, Tex.	2,900[a]	6/15/38-11/29/45	794	UA3:1m 10/	$/wt.	T	(139)
	do.	2,940[b] 35/	10/12/38-4/29/42	62	---	ppm	---	(155)
	do.	2,940[b] 35/	7/1/42-9/30/43	---	UA	$/wt.	T&ac.-ft.	(8)
Cache Creek	Walters, Okla.	625[a]	9/29/38-5/17/47	60	UA1:1m 10/	$/wt.	T	(139)
East Cattle Creek	Walters, Okla.	---	---	---	---	---	---	(139)
Wichita River	Witchita Falls, Tex.	3,105[b]	5/21/99-2/9/00	---	Bl:2-3v	---	cu.ft./sec.	(87)
	do.	3,105[b]	2/10/00-2/15/02	---	Bl:2-3v	---	ac.-ft. 36/	(88)
	do.	3,105[b]	2/03-8/03	---	B	---	ac.-ft. 36/	(89)
	do.	3,080[a]	4/14/42-10/2/45	10	UA3:1m 10/	$/wt.	---	(139)
Little Wichita River	Archer City, Tex.	490[a]	6/14/38-3/16/45	68	UA3:1m 10/	$/wt.	T	(139)
Minsral Creek	Gordonville, Tex.	---	6/6/36-11/12/36	6	MRC1:3v	ppm	lb./sso.	(139)
Washita River	Cheyenne, Okla.	640[b]	5/22/38-4/4/47	67	UA1:1m 10/	$/wt.	T	(139)
Washita River	Clinton, Okla.	1,990[b]	5/19/38-4/9/47	62	UA1:1m 10/	$/wt.	T	(139)
Washita River	Carnegie, Okla.	2,950[a]	8/12/42-6/10/47	46	UA1:1m 10/	$/wt.	T	(139)
Washita River	Tabler, Okla.	4,517[a]	9/11/42-7/3/47	55	UA1:1m 10/	$/wt.	T	(139)
Washita River	Pauls Valley, Okla.	5,050	6/2/38-7/29/47	155	UA3:1m 10/	$/wt.	T	(139)
Washita River	Durwood, Okla.	7,310[b]	9/8/30-9/23/31	107	Vv8:3v	ppm	lb./sec.	(142)
	do.	7,065[a]	6/5/36-7/22/47	227	UA3:1m 34/	$/wt.	T	(139)
	do.	7,310[b]	10/44-9/45	24	---	$/wt.	T/dy.	(140)
Pond Creek	Ft. Cobb, Okla.	337[a]	5/18/43-5/20/47	29	UA3:1m 10/	$/wt.	T	(139)
Rush Creek	Purdy, Okla.	139[b]	5/8/40-6/23/47	88	UA3:1m 10/	$/wt.	T	(139)
Rush Creek	Maysvills, Okla.	205	6/2/38-10/26/39	13	UA1:1m 10/	$/wt.	---	(139)
Caddo Creek	Ardmore, Okla.	280[b]	6/9/36-7/2/47	68	UA3:1m 34/	$/wt.	T	(139)
Blue River	Blue, Okla.	477[b]	6/10/36-6/6/47	77	UA3:1m 34/	$/wt.	---	(139)
Muddy Boggy Creek	Farris, Okla.	1,120[b]	5/23/38-6/17/47	113	UA3:1m 10/	$/wt.	---	(139)
Clear Boggy Creek	Wapanucka, Okla.	520[b]	6/11/42-9/9/42	11	UA3:1m 10/	$/wt.	---	(139)
Clear Boggy Creek	Caney, Okla.	732[b]	10/1/43-7/1/47	81	UA3:1m 10/	$/wt.	---	(139)
Clear Boggy Creek	Boswell, Okla.	---	2/23/40-4/22/40	4	UA3:1m	$/wt.	---	(139)
Kiamichi River	Belzoni, Okla.	1,420[b]	6/22/38-6/6/47	70	UA3:1m 10/	$/wt.	---	(139)
Little River	Wright City, Okla.	670	3/2/45-9/27/45	10	UA3:1m 10/	$/wt.	---	(139)
Little River	Idabel, Okla.	1,100[b]	11/7/30-1/15/31	21	Vv8:3v	ppm	lb./sec.	(142)
	do.	1,100[b]	6/29/38-5/23/47	77	UA3:1m 10/	$/wt.	---	(139)
Little River	Horatio, Ark.	2,690[b]	1/21/31-9/28/31	84	Vv8:3v	ppm	lb./sec.	(142)
Little River	Wilton, Ark.	3,455	9/7/30-11/1/30	17	Vv8:3v	ppm	lb./sec.	(142)
	do.	---	2/12/31	2	Vv8:3v	ppm	---	(142)
Mountain Fork River	Eagletown, Okla.	784[b]	5/28/38-4/29/47	14	UA3:1m 10/	$/wt.	---	(139)
Cossatot River	Ds Queen, Ark.	361[b]	7/1/38-8/1/45	4	UA3:1m 10/	$/wt.	---	(139)
Saline River	Dierks, Ark.	122[b]	5/24/38-4/30/47	12	UA3:1m 10/	$/wt.	---	(139)
Sulphur River	Hagansport, (State Hwy.37), Tex.	1,287	11/8/38-9/17/41	88	Vnt1-10:1-4v	ppm	lb./sec.	(127)
Sulphur River	Darden, Tex.	2,754[b]	9/10/30-9/24/31	117	Vv8:3v	ppm	---	(142)
	do.	2,754[b]	1/16/39-12/1/39	38	Vnt1-9:1-4v	ppm	lb./sec.	(127)
White Oak Creek	Near Taloo, Tex.	579	1/15/39-1/12/39	25	Vnt1-4:1-4v	ppm	lb./sec.	(127)
Big Cypress Creek	Jefferson, Tex.	931	1/14/39-3/22/39	7	Vnt3-5:1-4v	ppm	lb./sec.	(127)
Black Cypress Creek	Near Jefferson, Tex.	388	1/14/39-3/22/39	6	Vnt3-4:1-4v	ppm	lb./sec.	(127)
Bayou Bodcau	Bellevue, La.	676	1/10/39-3/16/39	8	Vnt3-7:1-4v	ppm	lb./sec.	(127)
Bayou Dorcheat	Near Sarepta, La.	---	1/17/39-3/3/39	2	Vnt3-4:1-4v	ppm	lb./sec.	(127)
Cypress Bayou	Keithville, La.	60[b]	1/11/39-2/27/39	6	Vnt1-7:1-4v	ppm	lb./sec.	(127)

10/ Predominate method. Number of observations includes one or more of other UA types.
31/ Net drainage area.
34/ Predominate method. Number of observations includes one or more of other UA and MRC types.
35/ Five hundred thirty square miles are probably non-contributing.
36/ Silt in acre-feet after settlement for one week and one year.

Part 7

LOWER MISSISSIPPI RIVER BASIN

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Red River Basin (cont'd)								
Boggy Bayou	Near Keithville, La.	108[b]	1/11/39-2/27/39	5	Vat2-7:1-4v	ppm	lb./sec.	(147)
Ouachita River	Monroe, La.	15,400[b]	3/30/97-4/21/97	7	1:3v	$/wt.	---	(170)
	....do....	15,400[b]	9/17/30-9/29/31	174	Vv8:3v	ppm	lb./sec.	(142)
	....do....	15,400[b]	1/15/32-4/30/32	83	Vv3:3v	ppm	lb./sec.	(127)
Black River	At mouth, La.	---	7/26/91-3/14/93	3	1:3	$/wt.	---	(168)
Mississippi River Delta								
Comite River	Near Comite, La.	332[b]	4/1/44-3/31/45	36	Bl:lm	ppm	---	(163)
Old River	Near T.&P.R.R. Bridge, Torras, La.	---	3/19/29-6/22/29	25	MRC8:3v	ppm	lb./sec.	(141)
	....do....	---	9/23/30-2/26/31	60	MRC8:3v	ppm	lb./sec.	(142)
	....do....	---	1/27/32-4/30/32	72	---	ppm	---	(127)
	....do....	---	10/6/36-10/13/36	3	8:3v	ppm	---	(127)
Atchafalaya River	Simmesport, La.	---	3/19/29-6/22/29	23	MRC8:3v	ppm	lb./sec.	(141)
	....do....	---	9/23/30-2/27/31	60	MRC8:3v	ppm	lb./sec.	(142)
	....do....	---	1/26/32-4/30/32	73	---	ppm	---	(127)
	....do....	---	10/7/36-10/14/36	3	8:3v	ppm	---	(127)
	....do....	---	10/12/39	1	7:6v	ppm	---	(127)
Atchafalaya River	Morgan City, La.	6,085 37/	4/10/29-6/29/29	17	MRC8:3v	ppm	lb./sec.	(141)
Bayou Boeuf	Morgan City, La.	---	4/16/29-6/25/29	7	MRC8:3v	ppm	lb./sec.	(141)

37/ Indeterminate. Includes drainage from the Atchafalaya River and at times from the Mississippi River.

Part 8

WESTERN GULF OF MEXICO BASINS

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Calcasieu River Basin								
Calcasieu River	Near Kinder, La.	1,700[b]	4/1/44-6/20/44	8	Bl:lm	ppm	---	(163)
Sabine River Basin								
Sabine River	At Logansport, La.	4,858[b]	12/1/32-12/27/33	389	UA3:lv	%/wt.	T&ac.-ft.	(10)
	do.	4,858[b]	4/1/35-9/1/39	1,413	UA3:lv	%/wt.	T&ac.-ft.	(10)
	do.	4,858[b]	10/1/39-9/30/40	355	UA3:lv	%/wt.	T&ac.-ft.	(5)
	do.	4,858[b]	10/1/40-9/30/41	348	UA3:lv	%/wt.	T&ac.-ft.	(6)
	do.	4,858[b]	10/1/41-9/30/42	347	UA3:lv	%/wt.	T&ac.-ft.	(7)
	do.	4,858[b]	10/1/42-9/30/43	354	UA3:lv	%/wt.	T&ac.-ft.	(8)
	do.	4,858[b]	10/1/43-9/30/44	346	UA3:lv	%/wt.	T&ac.-ft.	(9)
	do.	4,858[b]	10/1/44-9/30/45	345	UA3:lv	%/wt.	T&ac.-ft.	(11)
	do.	4,850[a]	1/11/45-1/22/45	3 1/	D1I3-4:ldi	%/wt.	---	(117)
	do.	4,858[b]	10/1/45-9/30/46	332	UA3:lv	%/wt.	T&ac.-ft.	(12)
Sabine River	Near Ruliff, Tex.	9,329[a]	1/8/45-1/26/45	14 2/	D1I2-14:ldi	%/wt.	---	(117)
	do.	9,440 3/	9/1/45-9/30/45	21	UA2:lv	%/wt.	T&ac.-ft.	(11)
	do.	9,440 3/	10/1/45-9/30/46	303	UA2:lv	%/wt.	T&ac.-ft.	(12)
Waterahed 3	Tyler, Tex.	0.012	6/25/32-6/30/42	4/	R	%/wt.	T/ac.	(174)
Neches River Basin								
Neches River	Near Rockland, Tex.	3,539[b]	8/8/30-9/30/39	3,280	UA1:lv	%/wt.	T&ac.-ft.	(10)
	do.	3,539[b]	10/1/39-9/30/40	362	UA1:lv	%/wt.	T&ac.-ft.	(5)
	do.	3,539[b]	10/1/40-9/30/41	357	UA1:lv	%/wt.	T&ac.-ft.	(6)
	do.	3,539[b]	10/1/41-9/30/42	357	UA1:lv	%/wt.	T&ac.-ft.	(7)
	do.	3,539[b]	10/1/42-9/30/43	364	UA1:lv	%/wt.	T&ac.-ft.	(8)
	do.	3,539[b]	10/1/43-9/30/44	361	UA1:lv	%/wt.	T&ac.-ft.	(9)
	do.	3,539[b]	10/1/44-9/30/45	354	UA1:lv	%/wt.	T&ac.-ft.	(11)
	do.	3,639[a]	1/11/45-1/22/45	3 5/	D1I2-4:ldi	%/wt.	---	(117)
	do.	3,539[b]	10/1/45-9/30/46	346	UA1:lv	%/wt.	T&ac.-ft.	(12)
Neches River	At U. S. Hwy. 190, near Woodville, Tex.	7,476	1/22/45	1	D1I3:ldi	%/wt.	---	(117)
	do.	7,476	2/8/46-4/17/46	3 6/	D1I3:2di	%/wt.	---	(117)
Neches River	At Evadale, Tex.	8,073[a]	1/8/45-1/23/45	10	D1I3-9:ldi	%/wt.	---	(117)
Neches River	At Beaumont, Tex.	10,023	1/12/45-1/20/45	3	D1I3-5:ldi	%/wt.	---	(117)
Neches River	Near mouth of river, Tex.	10,129	1/25/45-1/26/45	2 5/	D1I2:ldi	%/wt.	---	(117)
Waterahed 4	Tyler, Tex.	0.010	4/29/32-12/31/35	4/	R	%/wt.	T/ac.	(174)
	do.	0.010	7/1/36-6/30/42	4/	R	%/wt.	T/ac.	(174)
Waterahed 5	Tyler, Tex.	0.0027	5/15/32-6/30/42	4/	R	%/wt.	T/ac.	(174)
Angelina River	Near Horger, Tex.	3,435 3/	9/1/45-9/30/45	29	UA1:lv	%/wt.	T&ac.-ft.	(11)
	do.	3,435 3/	10/1/45-9/30/46	351	UA1:lv	%/wt.	T&ac.-ft.	(12)
Sabine-Neches Waterway								
Sabine-Neches Canal	Near mouth, Neches River, Tex.	---	1/25/45-1/26/45	2 5/	D1I2:ldi	%/wt.	---	(117)
Sabine-Neches Canal	At bridge near Port Arthur, Tex.	---	1/8/45-1/26/45	14 7/	D1I3-4:ldi	%/wt.	---	(117)
Sabine-Neches Canal	Near Sabine Pass, Tex.	---	1/25/45-1/26/45	2 5/	D1I2:ldi	%/wt.	---	(117)
Taylors Bayou	At mouth, Port Arthur, Tex	568	1/8/45-1/10/45	3	D1I3:ldi	%/wt.	---	(117)
Trinity River Basin								
Trinity River	At Dallas, Tex.	6,028[a]	2/23/45-2/24/45	2	UA2-6:lv	%/wt.	---	(117)
Trinity River	Near Rosser, Tex.	8,057[b] 3/	11/22/38-6/27/40	568	UA2:lv	%/wt.	T&ac.-ft.	(10)
Trinity River	At Romayer, Tex.	17,190 3/	8/10/36-9/30/39	1,144	UA3:lv	%/wt.	T&ac.-ft.	(10)
	do.	17,190 3/	10/1/39-9/30/40	363	UA3:lv	%/wt.	T&ac.-ft.	(5)
	do.	17,190 3/	10/1/40-9/30/41	356	UA3:lv	%/wt.	T&ac.-ft.	(6)
	do.	17,190 3/	10/1/41-9/30/42	358	UA3:lv	%/wt.	T&ac.-ft.	(7)
	do.	17,190 3/	10/1/42-9/30/43	358	UA3:lv	%/wt.	T&ac.-ft.	(8)
	do.	17,190 3/	10/1/43-9/30/44	355	UA3:lv	%/wt.	T&ac.-ft.	(9)
	do.	17,190 3/	10/1/44-9/30/45	359	UA3:lv	%/wt.	T&ac.-ft.	(11)
	do.	17,190 3/	10/1/45-9/30/46	362	UA3:lv	%/wt.	T&ac.-ft.	(12)
Denton Creek	Near Roanoke, Tex.	611[a]	2/4/45-9/30/46	39	UA2-3:lv	%/wt.	T&ac.-ft.	(117)
E. Fk. Trinity River	Near Rockwall, Tex.	833[a]	2/30/44-9/30/46	133	UA1-4:lv	%/wt.	T&ac.-ft.	(117)
San Jacinto River Basin								
W. Fk. San Jacinto River	Near Humble, Tex.	1,811[b]	12/1/32-12/31/33	385	UA2:lv	%/wt.	T&ac.-ct.	(10)
	do.	1,811[b]	7/1/37-9/30/39	732	UA2:lv	%/wt.	T&ac.-ft.	(10)
	do.	1,811[b]	10/1/39-9/30/40	363	UA2:lv	%/wt.	T&ac.-ft.	(5)
	do.	1,811[b]	10/1/40-9/30/41	354	UA2:lv	%/wt.	T&ac.-ft.	(6)
	do.	1,811[b]	10/1/41-9/30/42	361	UA2:lv	%/wt.	T&ac.-ct.	(7)
	do.	1,811[b]	10/1/42-9/30/43	357	UA2:lv	%/wt.	T&ac.-ft.	(8)
	do.	1,811[b]	10/1/43-9/30/44	274	UA2:lv	%/wt.	T&ac.-ft.	(9)
	do.	1,811[b]	10/1/44-9/30/45	293	UA2:lv	%/wt.	T&ac.-ft.	(11)
	do.	1,811[b]	10/1/45-9/30/46	307	UA2:lv	%/wt.	T&ac.-ft.	(12)
San Jacinto River	At Huffman, Tex.	2,791 3/	9/1/45-9/30/45	17	UA1:lv	%/wt.	T&ac.-ft.	(11)
	do.	2,791 3/	10/1/45-9/30/46	294	UA1:lv	%/wt.	T&ac.-ft.	(12)
Buffalo Bayou	Waugh Drive, Houston, Tex.	368[b]	5/16/45-5/20/46	2	D1I1:2di	%/wt.	---	(117)
Buffalo Bayou	Harbor Drive, Houston, Tex	487	5/16/46-5/20/46	2	D1I1:2di	%/wt.	---	(117)
Whiteoak Bayou	Yale Street, Houston, Tex.	87.0[b]	5/16/46-5/20/46	2	D1I1:2di	%/wt.	---	(117)
Brazos River Basin								
Double Mountain Fk. Brazos River	Near Aspermont, Tex.	1,510 3/	6/4/24-8/31/33	647	UA3:lv	%/wt.	T&ac.-ft.	(10)(29)
Double Mountain Fk. Brazos River	At Hwy. 83, near Hamlin, Tex.	---	8/27/41-5/12/43	15	Bl:lv	ppm	---	(155)
Brazos River	At Seymour, Tex.	5,250 3/	6/5/24-7/13/30	564	UA3:lv	%/wt.	T&ac.-ft.	(10)(29)
	do.	5,250 3/	12/19/41-6/1/43	30	Bl:lv	ppm	---	(155)
Brazos River	South Bend, Tex.	12,360 3/	1/15/42-9/30/42	234	UA2:lv	%/wt.	T&ac.-ft.	(7)
	do.	12,360 3/	10/1/42-9/30/43	294	UA1:lv	%/wt.	T&ac.-ft.	(8)
	do.	12,360 3/	10/1/43-9/30/44	326	UA2:lv	%/wt.	T&ac.-ft.	(9)
	do.	12,360 3/	10/1/44-9/30/45	327	UA2:lv	%/wt.	T&ac.-ft.	(11)

1/ A duplicate set of samples was taken with a Texas sampler during each observation.
2/ Two additional samples each were taken with a Texas sampler during two observations.
3/ Net drainage area.
4/ Composite sampling of all runoff.
5/ A duplicate sample was taken with a Texas sampler during each observation.
6/ A duplicate set of samples was taken during one observation with a Texas sampler at 0.6 of the depth.
7/ A duplicate sample was taken with a Texas sampler during two observations.

WESTERN GULF OF MEXICO BASINS

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION: CONCENTRATION	UNIT OF EXPRESSION: LOAD	REFERENCE NUMBER
Brazoe River Basin (cont'd)								
Brazoe River	South Bend, Tex.	12,360 3/	10/1/45-9/30/46	327	UA2:lv	%/wt.	T&ac.-ft.	(12)
Brazoe River	Near South Bend, Tex.	21,963a 8/	12/20/44-1/6/45	5 5/	DiIl:ls	%/wt.	---	(117)
Brazoe River	At Poesum Kingdom Dam, near Mineral Welle, Tex.	13,310 3/	1/5/42-9/30/42	37	UA2:lv	%/wt.	T&ac.-ft.	(7)
	.....do.....	13,310 3/	10/1/42-9/30/43	306	UA1:lv	%/wt.	T&ac.-ft.	(8)
	.....do.....	13,310 3/	10/1/43-9/30/44	326	UA1:lv	%/wt.	T&ac.-ft.	(9)
	.....do.....	13,310 3/	10/1/44-9/30/45	297	UA1:lv	%/wt.	T&ac.-ft.	(11)
	.....do.....	23,048a 8/	12/20/44-12/21/44	2 5/	DiIl:le	%/wt.	---	(117)
	.....do.....	13,310 3/	10/1/45-9/30/46	317	UA1:lv	%/wt.	T&ac.-ft.	(12)
Brazoe River	Mineral Welle, Tex.	13,910 3/	6/2/24-9/30/34	3,236	UA3:lv	%/wt.	T&ac.-ft.	(10)(29)
Brazoe River	Near Glen Rose, Tex.	15,600 3/	6/1/24-8/31/29	873	UA3:lv	%/wt.	T&ac.-ft.	(10)(29)
Brazoe River	At Waco, Tex.	19,260 3/	12/14/06-11/19/07	30	Bl:l	ppm	T/eq.mi.	(26)(28)
	.....do.....	19,260 3/	5/31/24-8/31/33	2,462	UA3:lv	%/wt.	T&ac.-ft.	(10)(29)
Brazoe River	Near Bryan, Tex.	29,190 3/	8/1/99-12/31/02	292	Bl-4:lv	%/vol.	ac.-ft.	(10)
Brazoe River	At Roesenberg, Tex.	34,810 3/	6/11/24-4/12/32	2,645	UA3:lv	%/wt.	T&ac.-ft.	(10)(29)
Brazoe River	At Richmond, Tex.	34,810 3/	4/13/32-9/30/39	2,718	UA3:lv	%/wt.	T&ac.-ft.	(10)
	.....do.....	34,810 3/	10/1/39-9/30/40	362	UA3:lv	%/wt.	T&ac.-ft.	(5)
	.....do.....	34,810 3/	10/1/40-9/30/41	350	UA3:lv	%/wt.	T&ac.-ft.	(6)
	.....do.....	34,810 3/	10/1/41-9/30/42	358	UA3:lv	%/wt.	T&ac.-ft.	(7)
	.....do.....	34,810 3/	10/1/42-9/30/43	351	UA3:lv	%/wt.	T&ac.-ft.	(8)
	.....do.....	34,810 3/	10/1/43-9/30/44	354	UA3:lv	%/wt.	T&ac.-ft.	(9)
	.....do.....	34,810 3/	10/1/44-9/30/45	362	UA3:lv	%/wt.	T&ac.-ft.	(11)
	.....do.....	34,810 3/	10/1/45-9/30/46	364	UA3:lv	%/wt.	T&ac.-ft.	(12)
Salt Fk. Brazoe River	Aspermont, Tex.	2,216a 3/	6/4/24-8/29/25	134	UA3:lv	%/wt.	T&ac.-ft.	(10)(29)
Salt Fk. Brazoe River	At U.S. Hwy. 83, near Aspermont, Tex.	---	9/10/41-7/10/43	10	Bl:lv	ppm	---	(155)
Salt Fk. Brazos River	At Seymour, Tex.	5,250 3/	6/5/24-7/13/30	564	UA3:lv	%/wt.	T&ac.-ft.	(10)
Clear Fk. Brazoe River	At Ft. Griffen, Tex.	3,974b	5/2/41-6/16/42	14	Bl:lv	ppm	---	(155)
Clear Fk. Brazoe River	Near Crystal Falle, Tex.	5,658b	9/3/25-1/22/29	997	UA3:lv	%/wt.	T&ac.-ft.	(10)(29)
Clear Fk. Brazoe River	At Eliasville, Tex.	5,740	6/3/24-8/30/25	293	UA3:lv	%/wt.	T&ac.-ft.	(10)(29)
Watershed A	Waco, Tex.	0.066	1/1/40-6/30/43	4/	Bl:ldi	%/wt.	T/ac.	(153)
Watershed D	Waco, Tex.	1.74	1/1/40-6/30/43	4/	Bl:ldi	%/wt.	T/ac.	(153)
Watershed J	Waco, Tex.	9.16	6/24/37-6/30/43	4/	Bl:ldi	%/wt.	T/ac.	(151)(153)
Watershed 12	Waco, Tex.	0.0046	12/15/37-6/30/43	4/	R	%/wt.	T/ac.	(151)(153)
Watershed Y10	Waco, Tex.	0.033	1/1/40-6/30/43	4/	Bl:ldi	%/wt.	T/ac.	(153)
Watershed Y2	Waco, Tex.	0.206	7/1/43-9/30/46	4/	Bl:ldi	%/wt.	T/ac.	(153)
Watershed Y	Waco, Tex.	0.483	4/22/37-6/30/43	4/	Bl:ldi	%/wt.	T/ac.	(151)(153)
Watershed Y6	Waco, Tex.	0.033	1/1/40-6/30/43	4/	Bl:ldi	%/wt.	T/ac.	(153)
Watershed 7	Waco, Tex.	0.0049	3/9/38-6/30/43	4/	R	%/wt.	T/ac.	(151)(153)
Watershed 13	Waco, Tex.	0.0050	3/8/38-6/30/43	4/	R	%/wt.	T/ac.	(151)(153)
Watershed Z	Waco, Tex.	0.484	1/1/40-6/30/43	4/	Bl:ldi	%/wt.	T/ac.	(153)
Watershed 11	Waco, Tex.	0.0050	3/2/38-6/30/43	4/	R	%/wt.	T/ac.	(151)(153)
Watershed W1	Waco, Tex.	0.275	6/22/37-9/30/46	4/	Bl:ldi	%/wt.	T/ac.	(151)(153)
Watershed 18	Waco, Tex.	0.0048	4/2/38-6/30/43	4/	R	%/wt.	T/ac.	(151)(153)
Watershed 17	Waco, Tex.	0.0047	2/6/39-6/30/43	4/	R	%/wt.	T/ac.	(151)(153)
Watershed 5	Waco, Tex.	0.0048	10/11/38-6/30/43	4/	R	%/wt.	T/ac.	(151)(153)
Watershed W2	Waco, Tex.	0.203	6/23/37-9/30/46	4/	Bl:ldi	%/wt.	T/ac.	(151)(153)
Watershed 3	Waco, Tex.	0.0048	12/7/38-6/30/43	4/	R	%/wt.	T/ac.	(151)(153)
Watershed 2	Waco, Tex.	0.0042	4/1/38-6/30/43	4/	R	%/wt.	T/ac.	(151)(153)
Watershed W10	Waco, Tex.	0.031	1/1/40-6/30/43	4/	Bl:ldi	%/wt.	T/ac.	(153)
Watershed W8	Waco, Tex.	0.063	1/1/40-6/30/43	4/	Bl:ldi	%/wt.	T/ac.	(153)
Watershed 6	Waco, Tex.	0.0048	11/9/38-6/30/43	4/	R	%/wt.	T/ac.	(151)(153)
Watershed 16	Waco, Tex.	0.0050	9/24/37-6/30/43	4/	R	%/wt.	T/ac.	(151)(153)
Deer Creek	At Chilton, Tex.	81.6	3/34-9/36	9/	Div3:ldi	ppm	T/dy.	(46)
Leon River	Near Belton, Tex.	3,547b 3/	9/1/45-9/30/45	28	UA1:lv	%/wt.	T&ac.-ft.	(11)
	.....do.....	3,547 3/	10/1/45-9/30/46	354	UA1:lv	%/wt.	T&ac.-ft.	(12)
Little River	Little River, Tex.	5,245	6/8/24-5/27/29	1,741	UA3:lv	%/wt.	T&ac.-ft.	(10)(29)
San Gabriel River	At Circleville, Tex.	602	6/7/24-10/31/29	1,872	UA3:lv	%/wt.	T&ac.-ft.	(10)(29)
Navaeota River	Near Easterly, Tex.	949b 3/	1/1/42-9/30/42	251	UA1:lv	%/wt.	T&ac.-ft.	(7)
	.....do.....	949b 3/	10/1/42-9/30/43	352	UA1:lv	%/wt.	T&ac.-ft.	(8)
	.....do.....	949b 3/	10/1/43-9/30/44	350	UA1:lv	%/wt.	T&ac.-ft.	(9)
	.....do.....	949b 3/	10/1/44-9/30/45	362	UA1:lv	%/wt.	T&ac.-ft.	(11)
	.....do.....	949b 3/	10/1/45-9/30/46	359	UA1:lv	%/wt.	T&ac.-ft.	(12)
Big Elm Creek	Near Temple, Tex.	68.5	3/34-6/36	9/	Div3:ldi	ppm	T/dy.	(46)
Big Elm Creek	Near Buckholte, Tex.	166	3/34-9/36	9/	Div3:ldi	ppm	T/dy.	(46)
North Elm Creek	Near Ben Arnold, Tex.	30.3	3/34-9/36	9/	Div3:ldi	ppm	T/dy.	(46)
Colorado River Basin								
Colorado River	At Robert Lee, Tex.	15,770b 10/	6/19/39-5/14/40	160	Bl:lv	ppm	---	(155)
Colorado River	Bronte, Tex.	---	6/21/39	2	Bl:le	ppm	---	(153)
Colorado River	Ballinger, Tex.	16,840b	6/8/40-4/18/41	140	UA1:ldi	ppm	T	(153)
Colorado River	Near San Saba, Tex.	18,800 3/	9/1/30-9/30/39	3,274	UA3:lv	%/wt.	T&ac.-ft.	(10)
	.....do.....	18,800 3/	10/1/39-9/30/40	366	UA3:lv	%/wt.	T&ac.-ft.	(5)
	.....do.....	18,800 3/	10/1/40-9/30/41	365	UA3:lv	%/wt.	T&ac.-ft.	(6)
	.....do.....	18,800 3/	10/1/41-9/30/42	358	UA3:lv	%/wt.	T&ac.-ft.	(7)
	.....do.....	18,800 3/	10/1/42-9/30/43	365	UA3:lv	%/wt.	T&ac.-ft.	(8)
	.....do.....	18,800 3/	10/1/43-9/30/44	366	UA3:lv	%/wt.	T&ac.-ft.	(9)
	.....do.....	18,800 3/	10/1/44-9/30/45	358	UA3:lv	%/wt.	T&ac.-ft.	(11)
	.....do.....	31,510a 11/	12/22/42	2 5/	DiIl:le	%/wt.	---	(117)
	.....do.....	18,800 3/	10/1/45-9/30/46	358	UA3:lv	%/wt.	T&ac.-ft.	(12)
Colorado River	At Tow, Tex.	19,300 3/	10/3/27-11/30/32	1,120	UA3:lv	%/wt.	T&ac.-ft.	(10)(29)

3/ Net drainage area.
4/ Composite sampling of all runoff.
5/ A duplicate sample was taken with a Texas sampler during each observation.
8/ Includes 8,950 square miles of probably non-contributing area.
9/ Minimum of 1 per day (2 to 10 per day during changing stages).
10/ Includes 11,500 square miles of probably non-contributing area.
11/ Includes 12,074 square miles of probably non-contributing area.

Part 8

WESTERN GULF OF MEXICO BASINS

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Colorado River Basin (cont'd)								
Colorado River	Inks Dam, near Buchanan Dam, Tex.	19,490 3/	8/1/42-9/30/42	56	UA1:1v	%/wt.	T&ac.-ft.	(7)
	do.	19,490 3/	10/1/42-9/30/43	265	UA1:1v	%/wt.	T&ac.-ft.	(8)
	do.	19,490 3/	10/1/43-9/30/44	276	UA1:1v	%/wt.	T&ac.-ft.	(9)
	do.	19,490 3/	10/1/44-9/30/45	274	UA1:1v	%/wt.	T&ac.-ft.	(11)
	do.	19,490 3/	10/1/45-9/30/46	209	UA1:1v	%/wt.	T&ac.-ft.	(12)
Colorado River	At Austin, Tex.	38,160[b] 12/	8/1/05-7/27/06	36	B1:1	ppm	T/sq. mi.	(26)(28)
	do.	26,360 3/	8/2/37-9/30/39	110	UA3:1v	%/wt.	T/ac.-ft.	(10)
	do.	26,360 3/	10/1/39-9/30/40	71	UA3:1v	%/wt.	T/ac.-ft.	(5)
	do.	26,360 3/	10/1/40-9/30/41	132	UA3:1v	%/wt.	T/ac.-ft.	(6)
	do.	26,360 3/	10/1/41-9/30/42	156	UA3:1v	%/wt.	T/ac.-ft.	(7)
	do.	26,360 3/	10/1/42-9/30/43	155	UA3:1v	%/wt.	T/ac.-ft.	(8)
	do.	26,360 3/	10/1/43-9/30/44	154	UA3:1v	%/wt.	T/ac.-ft.	(9)
	do.	26,360 3/	10/1/44-9/30/45	156	UA3:1v	%/wt.	T/ac.-ft.	(11)
	do.	26,360 3/	10/1/45-9/30/46	161	UA3:1v	%/wt.	T/ac.-ft.	(12)
Colorado River	At Columbus, Tex.	29,040 3/	8/3/30-8/31/33	938	UA3:1v	%/wt.	T/ac.-ft.	(10)
Colorado River	Eagle Lake, Tex.	29,140 3/	12/1/37-9/30/39	669	UA3:1v	%/wt.	T/ac.-ft.	(10)
	do.	29,140 3/	10/1/39-9/30/40	366	UA3:1v	%/wt.	T/ac.-ft.	(5)
	do.	29,140 3/	10/1/40-10/31/41	396	UA3:1v	%/wt.	T/ac.-ft.	(6)
Colorado River	Wharton, Tex.	41,150[b] 12/	6/1/02-9/2/02	34	1:1	%/vol.	cu.ft./sec	(90)
Colorado River	Near Bay City, Tex.	42,482 11/	3/13/46-3/16/46	6 13/	D1I3:1di	%/wt.	---	(117)
Concho River	San Angelo, Tex.	4,492[b] 14/	5/4/39	9	B1:1e	ppm	---	(153)
Concho River	Paint Rock, Tex.	5,538[b] 14/	6/7/40-3/29/41	100	UA1:1di	ppm	T	(153)
San Saba River	San Saba, Tex.	3,046[b]	6/5/40-4/11/41	62	UA1:1di	ppm	T	(153)
Brady Creek	Brady, Tex.	575[b]	6/12/40-4/7/41	35	UA1:1di	ppm	T	(153)
Llano River	Llano, Tex.	4,000[b] 3/	6/8/40-4/13/41	105	UA1:1di	ppm	T	(153)
	do.	4,000[b] 3/	8/1/42-9/30/42	59	UA1:1v	%/wt.	T&ac.-ft.	(7)
	do.	4,000[b] 3/	10/1/42-9/30/43	358	UA1:1v	%/wt.	T&ac.-ft.	(8)
	do.	4,000[b] 3/	10/1/43-9/30/44	347	UA1:1v	%/wt.	T&ac.-ft.	(9)
	do.	4,000[b] 3/	10/1/44-9/30/45	350	UA1:1v	%/wt.	T&ac.-ft.	(11)
	do.	4,000[b] 3/	10/1/45-9/30/46	353	UA1:1v	%/wt.	T&ac.-ft.	(12)
Pedernalee River	At Johnson City, Tex.	947[b] 3/	6/6/40-4/10/41	140	UA1:1di	ppm	T	(153)
	do.	947[b] 3/	8/1/42-9/30/42	57	UA1:1v	%/wt.	T&ac.-ft.	(7)
	do.	947[b] 3/	10/1/42-9/30/43	342	UA1:1v	%/wt.	T&ac.-ft.	(8)
	do.	947[b] 3/	10/1/43-9/30/44	338	UA1:1v	%/wt.	T&ac.-ft.	(9)
	do.	947[b] 3/	10/1/44-9/30/45	335	UA1:1v	%/wt.	T&ac.-ft.	(11)
	do.	947[b] 3/	10/1/45-9/30/46	354	UA1:1v	%/wt.	T&ac.-ft.	(12)
Lavaca River	At Edna, Tex.	887[b] 3/	9/1/45-9/30/45	24	UA1:1v	%/wt.	T&ac.-ft.	(11)
	do.	887[b] 3/	10/1/45-9/30/46	364	UA1:1v	%/wt.	T&ac.-ft.	(12)
Guadalupe River Basin								
Guadalupe River	Near Spring Branch, Tex.	1,432[b] 3/	1/1/42-9/30/42	268	UA1:1v	%/wt.	T&ac.-ft.	(7)
	do.	1,432[b] 3/	10/1/42-9/30/43	361	UA1:1v	%/wt.	T&ac.-ft.	(8)
	do.	1,432[b] 3/	10/1/43-9/30/44	355	UA1:1v	%/wt.	T&ac.-ft.	(9)
	do.	1,432[b] 3/	10/1/44-9/30/45	346	UA1:1v	%/wt.	T&ac.-ft.	(11)
	do.	1,432[b] 3/	10/1/45-9/30/46	354	UA1:1v	%/wt.	T&ac.-ft.	(12)
Guadalupe River	At Victoria, Tex.	5,676[b] 3/	9/1/45-9/30/45	30	UA1:1v	%/wt.	T&ac.-ft.	(11)
	do.	5,676[b] 3/	10/1/45-9/30/46	335	UA1:1v	%/wt.	T&ac.-ft.	(12)
San Antonio River	Near Falls City, Tex.	2,067[b] 3/	9/13/27-8/31/33	2,231	UA3:1v	%/wt.	T&ac.-ft.	(10)(29)
San Antonio River	At Goliad, Tex.	3,914[b] 3/	1/1/42-9/30/42	255	UA1:1v	%/wt.	T&ac.-ft.	(7)
	do.	3,914[b] 3/	10/1/42-9/30/43	316	UA1:1v	%/wt.	T&ac.-ft.	(8)
	do.	3,914[b] 3/	10/1/43-9/30/44	342	UA1:1v	%/wt.	T&ac.-ft.	(9)
	do.	3,914[b] 3/	10/1/44-9/30/45	251	UA1:1v	%/wt.	T&ac.-ft.	(11)
	do.	3,914[b] 3/	10/1/45-9/30/46	335	UA1:1v	%/wt.	T&ac.-ft.	(12)
Nueces River Basin								
Nueces River	At Cotulla, Tex.	5,260[b] 3/	4/29/41-9/15/41	7	B1:1v	ppm	---	(155)
	do.	5,260[b] 3/	1/1/42-9/30/42	236	UA1:1v	%/wt.	T&ac.-ft.	(7)
	do.	5,260[b] 3/	10/1/42-9/30/43	316	UA1:1v	%/wt.	T&ac.-ft.	(8)
	do.	5,260[b] 3/	10/1/43-9/30/44	358	UA1:1v	%/wt.	T&ac.-ft.	(9)
	do.	5,260[b] 3/	10/1/44-9/30/45	360	UA1:1v	%/wt.	T&ac.-ft.	(11)
	do.	5,260[b] 3/	10/1/45-9/30/46	356	UA1:1v	%/wt.	T&ac.-ft.	(12)
Nueces River	Near Three Rivers, Tex.	15,600[b] 3/	10/1/27-9/30/39	4,163	UA3:1v	%/wt.	T&ac.-ft.	(10)
	do.	15,600[b] 3/	10/1/39-9/30/40	361	UA3:1v	%/wt.	T&ac.-ft.	(5)
	do.	15,600[b] 3/	10/1/40-9/30/41	357	UA3:1v	%/wt.	T&ac.-ft.	(6)
	do.	15,600[b] 3/	10/1/41-9/30/42	355	UA3:1v	%/wt.	T&ac.-ft.	(7)
	do.	15,600[b] 3/	10/1/42-9/30/43	357	UA3:1v	%/wt.	T&ac.-ft.	(8)
	do.	15,600[b] 3/	10/1/43-9/30/44	357	UA3:1v	%/wt.	T&ac.-ft.	(9)
	do.	15,600[b] 3/	10/1/44-9/30/45	351	UA3:1v	%/wt.	T&ac.-ft.	(11)
	do.	15,600[b] 3/	10/1/45-9/30/46	358	UA3:1v	%/wt.	T&ac.-ft.	(12)
Nueces River	At Corpus Christi Dam, near Mathie, Tex.	16,660[b] 3/	2/2/42-9/30/42	227	UA1:1v	%/wt.	T&ac.-ft.	(7)
	do.	16,660[b] 3/	10/1/42-9/30/43	307	UA1:1v	%/wt.	T&ac.-ft.	(8)
	do.	16,660[b] 3/	10/1/43-9/30/44	294	UA1:1v	%/wt.	T&ac.-ft.	(9)
	do.	16,660[b] 3/	10/1/44-9/30/45	286	UA1:1v	%/wt.	T&ac.-ft.	(11)
	do.	16,660[b] 3/	10/1/45-9/30/46	266	UA1:1v	%/wt.	T&ac.-ft.	(12)
Rio Grande Basin								
Rio Grande	Gerard, Colo.	---	7/22/38	1	B1:1v	%/wt.	ac.-ft.	(153)
	do.	---	8/13/43	1	B1:1v	%/wt.	ac.-ft.	(114)
Rio Grande	Del Norte, Colo.	1,320[b]	5/30/41	1	B1:1v	%/wt.	ac.-ft.	(114)
	do.	1,320[b]	8/13/43	1	B1:1v	%/wt.	ac.-ft.	(153)
	do.	1,320[b]	1/36-12/36	49	---	T/ac.-ft.	---	(100)
Rio Grande	Near Monte Vista, Colo.	1,590[b]	8/31/37-5/30/41	3	B1:1v	%/wt.	ac.-ft.	(153)
	do.	1,590[b]	8/12/43-8/13/43	2	B1:1v	%/wt.	ac.-ft.	(114)
Rio Grande	Alamosa, Colo.	1,710[b]	4/17/37-5/30/41	5	B1:1v	%/wt.	ac.-ft.	(153)

3/ Net drainage area.
11/ Includes 12,074 square miles of probably non-contributing area.
12/ Includes 11,800 square miles of probably non-contributing area.
13/ A duplicate set of samples was taken with a Texas sampler during two observations.
14/ Includes 275 square miles of probably non-contributing area.

Part 8

WESTERN GULF OF MEXICO BASINS

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Rio Grande Basin (cont'd)								
Rio Grande	Alamosa, Colo.	1,710[b]	8/12/43-8/13/43	2	Bl:lv	p/m.	ac.-ft.	(114)
Rio Grande	La Sauses, Colo.	---	4/16/37	2	Bl:lv	p/m.	ac.-ft.	(153)
Rio Grande	Los Ortos, Colo.	7,700 15/	1/34-12/36	78	Bl:lv	T/ac.-ft.	---	(100)
	....do....	4,601	10/6/37-5/29/41	7	Bl:lv	p/m.	ac.-ft.	(153)
	....do....	4,601	8/13/43	1	Bl:lv	p/m.	ac.-ft.	(114)
Rio Grande	Above mouth of Arroyo Hondo, N. Mex.	---	4/17/37	3	Bl:lv	p/m.	ac.-ft.	(153)
Rio Grande	Taos Junction, N. Mex.	---	4/16/37-8/2/40	9	Bl:lv	p/m.	ac.-ft.	(153)
	....do....	---	8/12/43	1	Bl:lv	p/m.	ac.-ft.	(114)
Rio Grande	5 mi. below Taos Junction, N. Mex.	6,522	8/9/38-8/10/38	2	Bl:lv	p/m.	ac.-ft.	(153)
Rio Grande	Near Pilar, N. Mex.	---	7/21/38	1	Bl:lv	p/m.	ac.-ft.	(153)
	....do....	---	8/12/43	1	Bl:lv	p/m.	ac.-ft.	(114)
Rio Grande	Embuda, N. Mex.	7,185	1889	---	---	Parts/100,000	---	(156)
	....do....	7,185	4/17/37-5/30/41	10	Bl:lv	p/m.	ac.-ft.	(153)
	....do....	7,185	8/12/43-8/14/43	2	Bl:lv	p/m.	ac.-ft.	(114)
Rio Grande	Chamita, N. Mex.	7,604	4/2/37-5/9/42	154	Bl:lv	p/m.	ac.-ft.	(153)
	....do....	7,604	6/11/42-8/14/43	35	Bl:lv	p/m.	ac.-ft.	(114)
Rio Grande	Espanola, N. Mex.	11,044	4/2/37-6/4/42	191	Bl:lv	p/m.	ac.-ft.	(153)
	....do....	11,044	6/9/42-12/9/42	25	Bl:lv	p/m.	ac.-ft.	(114)
Rio Grande	At Otowi Bridge, near San Ildefonso, N. Mex.	14,300[b] 15/	1/34-12/36	97	Bl:le	T/ac.-ft.	---	(100)
Rio Grande	Otowi, N. Mex.	11,053	4/4/37-7/31/40	19	Bl:lv	p/m.	ac.-ft.	(153)
Rio Grande	Cochiti, N. Mex.	11,443	12/9/36-5/25/42	1,854	Bl:lv	p/m.	ac.-ft.	(153)
	....do....	11,443	6/26/42-12/13/43	465	Bl:lv	p/m.	ac.-ft.	(114)
Rio Grande	San Felipe, N. Mex.	12,868	12/28/26-9/5/28	30	Pl:ldi	ppm	---	(25)
	....do....	12,868	3/31/37-7/13/41	290	Bl:lv	p/m.	ac.-ft.	(153)
Rio Grande	Angostura, N. Mex.	13,200	12/9/36-5/31/42	1,676	Bl:lv	p/m.	ac.-ft.	(153)
	....do....	13,200	7/4/42-12/25/43	367	Bl:lv	p/m.	ac.-ft.	(114)
Rio Grande	Bernalillo, N. Mex.	14,059	1/12/27-5/23/27	2	Pl:ldi	ppm	---	(25)
	....do....	14,059	2/24/37-8/7/41	527	Bl:lv	p/m.	ac.-ft.	(153)
	....do....	14,059	5/19/43-9/24/43	47	Bl:lv	p/m.	ac.-ft.	(114)
Rio Grande	Alameda, N. Mex.	---	4/13/37-5/29/41	22	Bl:lv	p/m.	ac.-ft.	(153)
Rio Grande	Atrisco, N. Mex.	---	12/15/36-6/30/38	518	Bl:lv	p/m.	ac.-ft	(153)
Rio Grande	Albuquerque, N. Mex.	14,502	9/11/36-9/23/36	4	Bl:lv	p/m.	ac.-ft.	(153)
Rio Grande	U.S. Hwy. 66, Albuquerque, N. Mex.	14,502	3/14/40-5/28/41	13	Bl:lv	p/m.	ac.-ft.	(153)
	....do....	14,502	2/19/43-9/29/43	173	Bl:lv	p/m.	ac.-ft.	(114)
Rio Grande	Barelas, N. Mex.	---	2/2/37-6/30/38	192	Bl:lv	p/m.	ac.-ft.	(153)
Rio Grande	Isleta, N. Mex.	14,737	1/13/27-9/6/28	12	Pl:ldi	ppm	---	(25)
	....do....	14,737	12/3/36-6/30/38	628	Bl:lv	p/m.	ac.-ft.	(153)
Rio Grande	Los Lunas, N. Mex.	15,003	2/9/37-6/30/38	178	Bl:lv	p/m.	ac.-ft.	(153)
Rio Grande	Near Belen, N. Mex.	15,291	1/14/27-9/10/28	16	Pl:ldi	ppm	---	(25)
	....do....	15,291	2/16/37-6/30/38	145	Bl:lv	p/m.	ac.-ft.	(153)
Rio Grande	Bosque, N. Mex.	---	2/9/37-6/30/38	136	Bl:lv	p/m.	ac.-ft.	(153)
Rio Grande	Near Bernardo, N. Mex.	19,230[b] 15/	8/31/36-9/27/36	11	Bl:ldi	p/m.	ac.-ft.	(153)
	....do....	19,230[b] 15/	2/9/37-2/19/42	865	Bl:lv	p/m.	ac.-ft.	(153)
Rio Grande	La Joya, N. Mex.	---	2/28/27-5/24/27	2	Pl:ldi	ppm	---	(25)
Rio Grande	San Acacia, N. Mex.	26,770[b] 15/	1/14/27-2/22/28	5	Pl:ldi	ppm	---	(25)
	....do....	26,770[b] 15/	8/31/36	2	Bl:lv	p/m.	ac.-ft.	(153)
	....do....	26,770[b] 15/	12/7/36-5/4/42	2,165	Bl:lv	p/m.	ac.-ft.	(153)
	....do....	26,770[b] 15/	5/5/42-11/22/43	544	Bl:lv	p/m.	ac.-ft.	(114)
Rio Grande	Escondida, N. Mex.	---	4/10/37-8/6/38	14	Bl:lv	p/m.	ac.-ft.	(153)
Rio Grande	Socorro, N. Mex.	---	1/15/27-9/10/28	14	Pl:ldi	ppm	---	(25)
Rio Grande	San Antonio, N. Mex.	24,273	5/11/37-5/17/41	12	Bl:lv	p/m.	ac.-ft.	(153)
Rio Grande	Near Val Verde, N. Mex.	---	9/28/37-6/1/41	8	Bl:lv	p/m.	ac.-ft.	(153)
Rio Grande	San Marcial, N. Mex.	30,000[a]	1/97-12/12 16/	824	Bl:ldi	p/m.	ac.-ft.	(32)(33)
	....do....	27,700[b] 15/	1/13-12/25	---	Bl:ldi	p/m.	T	(103)
	....do....	24,717	1/25-12/25	72	Bl:ldi	p/m.	---	(69)
	....do....	24,717	1925-38	296	Bl:ldi	p/m.	ac.-ft.	(63)(69)
	....do....	27,700[b] 15/	1/15/27-8/24/28	15	Bl:ldi	ppm	---	(25)
	....do....	24,717	1/33-12/33	59	Bl:ldi	p/m.	T/mo.	(64)
	....do....	24,717	1/34-12/34	44	Bl:ldi	p/m.	T/mo.	(65)
	....do....	24,717	1/35-12/35	66	Bl:ldi	p/m.	T/mo.	(66)
	....do....	24,717	1/36-12/36	66	Bl:ldi	p/m.	T/mo.	(67)
	....do....	24,717	1/37-12/37	319	Bl:ldi	p/m.	T/mo.	(68)
	....do....	24,717	3/12/37-11/30/41	1,489	Bl:lv	p/m.	ac.-ft.	(153)
	....do....	24,717	1/38-12/38	17/	Bl:ldi	p/m.	T/mo.	(69)
	....do....	24,717	1/39-12/39	17/	Bl:ldi	p/m.	T/mo.	(70)
	....do....	24,717	1/40-12/40	17/	Bl:ldi	p/m.	T/mo.	(71)
	....do....	24,717	1/41-12/41	398	Bl:ldi	p/m.	T/mo.	(72)
	....do....	24,717	1/42-12/42	364	Bl:ldi	p/m.	T/mo.	(73)
	....do....	24,717	1/43-12/43	357	Bl:ldi	p/m.	T/mo.	(74)
	....do....	24,717	1/44-12/44	355	Bl:ldi	p/m.	T/mo.	(75)
	....do....	24,717	1/45-12/45	340	Bl:ldi	p/m.	T/mo.	(76)
	....do....	24,717	1/46-9/45	213	Bl:ldi	p/m.	T/mo.	(77)
Rio Grande	Elephant Butte, N. Mex.	26,408	7/16/38	2	Bl:lv	p/m.	ac.-ft.	(153)
Rio Grande	Below Hot Springs, N.Mex.	---	7/16/38-7/18/38	3	Bl:lv	p/m.	ac.-ft.	(153)
Rio Grande	Caballo Dam, N. Mex.	27,641	7/16/38-10/17/38	2	Bl:lv	p/m.	ac.-ft.	(153)
Rio Grande	Garfield, N. Mex.	---	7/16/38-9/17/38	3	Bl:lv	p/m.	ac.-ft.	(153)
Rio Grande	Salem Bridge, N. Mex.	---	6/27/37-7/16/38	2	Bl:lv	p/m.	ac.-ft.	(153)
Rio Grande	Hatch, N. Mex.	---	6/27/37-10/17/38	6	Bl:lv	p/m.	ac.-ft.	(153)
Rio Grande	Rincon, N. Mex.	---	6/27/37-7/16/38	3	Bl:lv	p/m.	ac.-ft.	(153)
Rio Grande	Tonuco, N. Mex.	---	6/27/37-7/18/38	4	Bl:lv	p/m.	ac.-ft.	(153)
Rio Grande	U.S. Hwy.85, N. Mex.	---	7/16/38-7/18/38	2	Bl:lv	p/m.	ac.-ft.	(153)

15/ Includes 2,940 square miles in closed basin in San Luis Valley.
16/ Records from 1/97-1905 estimated from records at El Paso, Tex.
17/ Daily samples composited in a single monthly sample by using from each daily sample an amount proportional to the river flow at the time the sample was taken.

Part 8

WESTERN GULF OF MEXICO BASINS

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Rio Grande Basin (cont'd)								
Rio Grande	U.S. Hwy.70 & 80, N. Mex.	---	7/16/38-7/17/38	2	B1:1v	p/mt.	ac.-ft.	(153)
Rio Grande	Vado, N. Mex.	---	7/17/38-7/18/38	2	B1:1v	p/mt.	ac.-ft.	(153)
Rio Grande	Vinton, N. Mex.	---	7/17/38-7/18/38	2	B1:1v	p/mt.	ac.-ft.	(153)
Rio Grande	Montoya, Tex.	---	7/17/38-7/18/38	2	B1:1v	p/mt.	ac.-ft.	(153)
Rio Grande	State Line, Tex.-N. Mex.	---	7/17/38-7/18/38	2	B1:1v	p/mt.	ac.-ft.	(153)
Rio Grande	El Paso, Tex.	39,200 15/	6/89-8/90	297	H3:2mb	p/mt.	T&ac.-ft.	(34)
	do.	32,200[b] 15/	5/7/90-5/31/10	608	B1:1d1	---	T&ac.-ft.	(35)
	do.	29,267	11/12/23-2/12/25	34	B3:1v	p/mt.	---	(62)
	do.	29,267	1924-32	213	B1:1d1	p/mt.	T/yr.	(63)
Rio Grande	Fort Quitman, Tex.	31,990[a]	11/21/23-1/14/25	32	B3:1v	p/mt.	---	(62)
	do.	31,990[a]	1928-32	207	B3:1v	p/mt.	T/yr.	(63)
Rio Grande	Above Presidio, Tex.	35,000	4/23/24-12/27/26	71	B3:1v	p/mt.	---	(62)
Rio Grande	Below Presidio, Tex.	59,757	4/24/24-12/31/31	77	B3:1v	p/mt.	---	(62)
Rio Grande	Boquillas, Tex.	70,657[a]	8/6/28-6/16/31	86	B3:1v	p/mt.	---	(62)
Rio Grande	Langtry, Tex.	79,375[a]	4/44-12/44	29	B1:1d1	p/mt.	T/mo.	(75)
	do.	79,375[a]	1/45-12/45	92	B1:1d1	p/mt.	T/mo.	(76)
	do.	79,375[a]	1/46-9/46	62	B1:1d1	p/mt.	T/mo.	(77)
Rio Grande	Eagle Pass, Tex.	125,504[a]	4/34-12/34	18/	UA3:1v	p/mt.	T/mo.	(10)(65)
	do.	125,504[a]	1/35-12/35	18/	UA3:1v	p/mt.	T/mo.	(10)(66)
	do.	125,504[a]	1/36-12/36	18/	UA3:1v	p/mt.	T/mo.	(10)(67)
	do.	125,504[a]	1/37-12/37	19/	UA3:1v	p/mt.	T/mo.	(10)(68)
	do.	125,504[a]	1/38-12/38	301	UA3:1v	p/mt.	T/mo.	(10)(69)
	do.	125,504[a]	1/39-12/39	358	UA3:1v	p/mt.	T/mo.	(10)(70)
	do.	125,504[a]	1/40-12/40	254	UA3:1v	p/mt.	T/mo.	(5)(71)
	do.	125,504[a]	1/41/12/41	342	UA3:1v	p/mt.	T/mo.	(6)(72)
	do.	125,504[a]	1/42-12/42	257	UA3:1v	p/mt.	T/mo.	(7)(73)
	do.	125,504[a]	1/1/43-12/31/43	268	UA3:1v	p/mt.	T/mo.	(8)(74)
	do.	125,504[a]	1/1/44-12/31/44	343	B1:1d1	p/mt.	T/mo.	(75)
	do.	125,504[a]	1/1/45-12/1/45	343	B1:1d1	p/mt.	T/mo.	(76)
	do.	125,504[a]	1/1/46-9/46	248	B1:1d1	p/mt.	T/mo.	(77)
Rio Grande	Laredo, Tex.	130,859[a]	6/13/24-11/30/31	76	B3:1v	p/mt.	---	(62)
Rio Grande	Roma, Tex.	157,448[a]	6/16/24-10/25/26	57	B3:1v	p/mt.	---	(62)
	do.	157,448[a]	3/6/29-12/29	276	UA3:1v	p/mt.	T/mo.	(10)(62)
	do.	157,448[a]	1/30-12/30	357	UA3:1v	p/mt.	T/mo.	(10)(62)
	do.	157,448[a]	1/31-12/31	357	UA3:1v	p/mt.	T/mo.	(10)(62)
	do.	157,448[a]	1/32-12/32	360	UA3:1v	p/mt.	T/mo.	(10)(63)
	do.	157,448[a]	1/33-12/33	365	UA3:1v	p/mt.	T/mo.	(10)(64)
	do.	157,448[a]	1/34-12/34	365	UA3:1v	p/mt.	T/mo.	(10)(65)
	do.	157,448[a]	1/35-12/35	18/	UA3:1v	p/mt.	T/mo.	(10)(66)
	do.	157,448[a]	1/36-12/36	366	UA3:1v	p/mt.	T/mo.	(10)(67)
	do.	157,448[a]	1/37-12/37	365	UA3:1v	p/mt.	T/mo.	(10)(68)
	do.	157,448[a]	1/38-12/38	365	UA3:1v	p/mt.	T/mo.	(10)(69)
	do.	157,448[a]	1/39/12/39	349	UA3:1v	p/mt.	T/mo.	(10)(70)
	do.	157,448[a]	1/40-12/40	339	UA3:1v	p/mt.	T/mo.	(5)(71)
	do.	157,448[a]	1/41-12/41	350	UA3:1v	p/mt.	T/mo.	(6)(72)
	do.	157,448[a]	1/42-12/42	357	UA3:1v	p/mt.	T/mo.	(7)(73)
	do.	157,448[a]	1/43-12/43	352	UA3:1v	p/mt.	T/mo.	(8)(74)
	do.	157,448[a]	1/44-12/44	386	B1:1d1	p/mt.	T/mo.	(75)
	do.	157,448[a]	1/45-12/45	355	B1:1d1	p/mt.	T/mo.	(76)
	do.	157,448[a]	1/46-9/46	261	B1:1d1	p/mt.	T/mo.	(77)
Rio Grande	Buenos Aires, Near Donna, Tex.	---	1/43-12/43	54	B3:1v	p/mt.	T/mo.	(74)
	do.	---	1/44-9/44	57	B3:1v	p/mt.	T/mo.	(75)
Rio Grande	Las Palmas, near Donna, Tex.	---	1/46-9/46	114	B3:1v	p/mt.	T/mo.	(77)
Rio Grande	Matamoros, Tamaulipas, Mex.	171,883[a]	4/17/24-12/21/26	75	B3:1v	p/mt.	---	(62)
Watershed A	Wagon Wheel Gap, Colo.	0.313	10/1/11-10/1/26	4/	20/	---	lb.	(4)
Watershed B	Wagon Wheel Gap, Colo.	0.313	10/1/11-10/1/26	4/	20/	---	lb.	(4)
South Fork	South Fork, Colo.	215	7/22/38-5/30/41	4	B1:1v	p/mt.	ac.-ft.	(153)
	do.	215[b]	8/13/43	1	B1:1v	p/mt.	ac.-ft.	(114)
Conejos River	Mogots, Colo.	282[b]	9/3/37-8/1/40	3	B1:1v	p/mt.	ac.-ft.	(153)
	do.	282[b]	8/13/43	1	B1:1v	p/mt.	ac.-ft.	(114)
Conejos River	Antonito, Colo.	---	7/22/38-5/29/41	2	B1:1v	p/mt.	ac.-ft.	(153)
Culebra Creek	San Luis, Colo.	240	4/17/37-5/30/41	5	B1:v	p/mt.	ac.-ft.	(153)
	do.	240	8/12/43	1	B1:1v	p/mt.	ac.-ft.	(114)
Costilla Creek	Costilla, N. Mex.	202	4/16/37-5/29/41	5	B1:1v	p/mt.	ac.-ft.	(153)
Latir Creek	N.Mex. Hwy.3, N. Mex.	---	4/17/37-5/30/41	3	B1:1v	p/mt.	ac.-ft.	(153)
	do.	---	8/12/43	1	B1:1v	p/mt.	ac.-ft.	(114)
Red River	Questa, N. Mex.	91	4/17/37-5/30/41	10	B1:1v	p/mt.	ac.-ft.	(153)
San Cristobal Creek	N. Mex. Hwy.3, N. Mex.	---	4/17/37-5/29/41	2	B1:1v	p/mt.	ac.-ft.	(153)
Rio Hondo	Hondo, N. Mex.	---	4/17/37-5/29/41	6	B1:1v	p/mt.	ac.-ft.	(153)
Rio Pueblo de Taos	N. Mex. Hwy.3, N. Mex.	---	4/17/37-5/29/41	3	B1:1v	p/mt.	ac.-ft.	(153)
Taos Creek	Taos, N. Mex.	---	5/22/37-5/29/41	2	B1:1v	p/mt.	ac.-ft.	(153)
Rio Rancho de Taos	N.Mex. Hwy.3, N. Mex.	---	4/17/37-5/29/41	2	B1:1v	p/mt.	ac.-ft.	(153)
Rio Taos	Near mouth, N. Mex.	426	4/17/37-7/21/38	7	B1:1v	p/mt.	ac.-ft.	(153)
	do.	426	8/11/43	1	B1:1v	p/mt.	ac.-ft.	(114)
Embudo Creek	Embudo, N. Mex.	325	4/7/37-5/25/41	13	B1:1v	p/mt.	ac.-ft.	(153)
	do.	325	8/8/43	1	B1:1v	p/mt.	ac.-ft.	(114)
Rio Chama	El Vado, N. Mex.	868	4/20/37-5/31/42	28	B1:1v	p/mt.	ac.-ft.	(153)
	do.	868	6/13/42-10/25/43	112	B1:1v	p/mt.	ac.-ft.	(114)
Rio Chama	Abiquiu, N. Mex.	2,147	7/16/43-9/30/43	58	B1:1v	p/mt.	ac.-ft.	(114)
Rio Chama	U.S. Hwy. 84, N. Mex.	---	2/24/37-6/9/42	127	B1:1v	p/mt.	ac.-ft.	(153)
Rio Chama	N.Mex. Hwy. 96, N. Mex.	---	2/24/37-6/9/42	126	B1:1v	p/mt.	ac.-ft.	(153)
Rio Chama	Near Chamita, N. Mex.	3,126	8/5/26-9/4/28	22	P1:1d1	ppm	---	(25)

4/ Composite sampling of all runoff.
15/ Includes 2,940 square miles in closed basin in San Luis Valley.
18/ Samples taken approximately every second day.
19/ Samples taken approximately every second day to May 11, 1937 and daily thereafter.
20/ Measurement of deposits in settling basins.

Part 8

WESTERN GULF OF MEXICO BASINS

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Rio Grande Basin (cont'd)								
Rio Chama	Near Chamita, N. Mex.	3,126	4/2/37-6/9/42	240	Bl:lv	%/wt.	ac.-ft.	(153)
	...do...	3,126	6/8/42-8/14/43	35	Bl:lv	%/wt.	ac.-ft.	(114)
Nutritue Creek	Tierra Amarilla, N. Mex.	---	5/1/37-6/9/42	3	Bl:lv	%/wt.	ac.-ft.	(153)
Nutritue Creek	N.Mex. Hwy.112, N. Mex.	---	8/31/38-4/10/42	2	Bl:lv	%/wt.	ac.-ft.	(153)
Willow Creek	Near mouth, N. Mex.	---	5/1/37-10/6/37	2	Bl:lv	%/wt.	ac.-ft.	(153)
Nutriae Creek	U.S. Hwy. 285, N. Mex.	---	4/28/38-6/9/42	5	Bl:lv	%/wt.	ac.-ft.	(153)
Cebolla Creek	Cebolla, N. Mex.	---	3/13/37-6/9/42	8	Bl:lv	%/wt.	ac.-ft.	(153)
Arroyo Agua Sarca	Coyote, N. Mex.	---	5/1/37-7/24/37	2	Bl:lv	%/wt.	ac.-ft.	(153)
Canjilon Creek	Canjilon, N. Mex.	---	4/20/37-10/7/38	8	Bl:lv	%/wt.	ac.-ft.	(153)
Arroyo Seco	Piedra Lumbre, N. Mex.	---	3/8/37-6/9/42	16	Bl:lv	%/wt.	ac.-ft.	(153)
Canyonee Creek	Near mouth, N. Mex.	---	4/13/37-3/16/42	33	Bl:lv	%/wt.	ac.-ft.	(153)
Abiquiu Creek	Abiquiu, N. Mex.	121	6/25/37-6/9/42	10	Bl:lv	%/wt.	ac.-ft.	(153)
Arroyo	N.Mex.Hwy. 96, N. Mex.	---	7/20/37-8/15/38	3	Bl:lv	%/wt.	ac.-ft.	(153)
El Rito Creek	Near mouth, N. Mex.	135	3/12/37-6/28/38	59	Bl:lv	%/wt.	ac.-ft.	(153)
Arroyo	U.S. Hwy. 285, N. Mex.	---	6/13/38-9/1/38	2	Bl:lv	%/wt.	ac.-ft.	(153)
Rio Del Oso	U.S. Hwy. 285, N. Mex.	---	6/13/38-11/28/38	8	Bl:lv	%/wt.	ac.-ft.	(153)
Rio Ojo Caliente	Ojo Caliente, N. Mex.	---	5/9/37-10/9/37	3	Bl:lv	%/wt.	ac.-ft.	(153)
Rio Ojo Caliente	Near mouth, N. Mex.	579	3/12/37-3/25/42	70	Bl:lv	%/wt.	ac.-ft.	(153)
Rio Santa Cruz	Santa Cruz, N. Mex.	---	4/17/37-6/9/42	34	Bl:lv	%/wt.	ac.-ft.	(153)
Santa Clara Creek	Santa Clara, N. Mex.	---	4/17/37-10/5/37	2	Bl:lv	%/wt.	ac.-ft.	(153)
Nambe Creek	Pojoaque, N. Mex.	---	4/17/37-6/9/42	16	Bl:lv	%/wt.	ac.-ft.	(153)
	...do...	---	5/24/43-7/24/43	2	Bi:lv	%/wt.	ac.-ft.	(114)
Rito de Sena	Near mouth, N. Mex.	---	4/17/37-6/9/41	2	Bl:lv	%/wt.	ac.-ft.	(153)
Arroyo	Tesuque, N. Mex.	---	9/30/37	2	Bl:lv	%/wt.	ac.-ft.	(153)
Rio Tesuque	Tesuque, N. Mex.	---	4/17/37-6/9/41	19	Bl:lv	%/wt.	ac.-ft.	(153)
Arroyo Mascara	Santa Fe, N. Mex.	---	6/28/38-7/19/38	2	Bl:lv	%/wt.	ac.-ft.	(153)
Santa Fe Creek	Santa Fe, N. Mex.	---	3/9/37-9/30/37	7	Bl:lv	%/wt.	ac.-ft.	(153)
Santa Fe Creek	Near mouth, N. Mex.	---	5/1/37-4/27/42	4	Bl:lv	%/wt.	ac.-ft.	(153)
Galisteo Creek	Cerrilloe, N. Mex.	---	6/13/38-7/30/40	3	Bl:lv	%/wt.	ac.-ft.	(153)
Galisteo Creek	Domingo, N. Mex.	---	5/16/28-8/28/28	4	Pl:ldi	ppm	---	(25)
Galisteo Creek	U.S. Hwy. 85, N. Mex.	670	4/17/37-1/9/42	153	Bl:lv	%/wt.	ac.-ft.	(153)
	...do...	670	8/20/42	1	Bl:lv	%/wt.	ac.-ft.	(114)
Elota Arroyo	U.S. Hwy. 85, N. Mex.	---	7/27/38-5/4/41	5	Bl:lv	%/wt.	ac.-ft.	(153)
Tongue Arroyo	U.S. Hwy. 85, N. Mex.	---	5/24/37-5/18/41	29	Bl:lv	%/wt.	ac.-ft.	(153)
Arroyo San Pedro	U.S. Hwy. 85, N. Mex.	---	6/28/38	2	Bl:lv	%/wt.	ac.-ft.	(153)
Angostura Arroyo	U.S. Hwy. 85, N. Mex.	---	5/30/37-4/4/41	26	Bl:lv	%/wt.	ac.-ft.	(153)
Jemez Creek	San Yeidro, N. Mex.	592	2/17/37-9/29/41	275	Bl:lv	%/wt.	ac.-ft.	(153)
Jemez Creek	Zia, N. Mex.	979	2/17/37-12/22/41	316	Bl:lv	%/wt.	ac.-ft.	(153)
Jemez Creek	Santa Ana Pueblo, N. Mex.	---	4/17/37-9/4/38	7	Bl:lv	%/wt.	ac.-ft.	(153)
Jemez Creek	Ruiz, N. Mex.	1,038	1/11/27-8/20/28	9	Pl:ldi	ppm	---	(25)
Jemez Creek	Near mouth, N. Mex.	---	4/20/37-6/5/41	15	Bl:lv	%/wt.	ac.-ft.	(153)
Arroyo Lopez	N. Mex. Hwy. 44, N. Mex.	---	6/4/37-5/20/41	7	Bl:lv	%/wt.	ac.-ft.	(153)
Arroyo Salado	Near San Yeidro, N. Mex.	125	7/24/37-5/20/41	7	Bl:lv	%/wt.	ac.-ft.	(153)
Arroyo Salado	At San Yeidro, N. Mex.	---	2/17/37-9/29/41	200	Bl:lv	%/wt.	ac.-ft.	(153)
Arroyo	N. of San Yeidro, N. Mex.	---	4/24/41-5/20/41	4	Bl:lv	%/wt.	ac.-ft.	(153)
Arroyo	S. of San Yeidro, N. Mex.	---	9/2/38-7/27/39	4	Bl:lv	%/wt.	ac.-ft.	(153)
Arroyo	Near Rio Grande, N. Mex.	---	9/4/38-8/13/39	3	Bl:lv	%/wt.	ac.-ft.	(153)
Arroyo	...do...	---	9/4/38-8/13/39	4	Bl:lv	%/wt.	ac.-ft.	(153)
	...do...	---	9/4/38-8/13/39	4	Bl:lv	%/wt.	ac.-ft.	(153)
	...do...	---	8/2/38-8/13/39	6	Bl:lv	%/wt.	ac.-ft.	(153)
Arroyo	Ranchitos de Santa Ana, N. Mex.	---	5/30/37-5/10/41	4	Bl:lv	%/wt.	ac.-ft.	(153)
Juan Tabo Arroyo	U.S. Hwy. 85, N. Mex.	---	5/10/41-6/3/41	12	Bl:lv	%/wt.	ac.-ft.	(153)
Tijeras Canyon	Tijeras, N. Mex.	---	8/15/37-9/6/37	5	Bl:lv	%/wt.	ac.-ft.	(153)
Abo Wash	San Juan, N. Mex.	---	10/16/37-10/8/39	13	Bl:lv	%/wt.	ac.-ft.	(153)
Rio Puerco	Cuba, N. Mex.	105	4/3/37-6/1/42	96	Bl:lv	%/wt.	ac.-ft.	(153)
Rio Puerco	La Ventana, N. Mex.	---	2/17/37-6/1/42	51	Bl:lv	%/wt.	ac.-ft.	(153)
Rio Puerco	San Luie Dam, N. Mex.	---	2/17/37-6/1/42	14	Bl:lv	%/wt.	ac.-ft.	(153)
Rio Puerco	Near San Luie, N. Mex.	---	10/20/37-6/1/42	17	Bl:lv	%/wt.	ac.-ft.	(153)
Rio Puerco	Cabezon, N. Mex.	396	3/17/38-6/1/41	51	Bl:lv	%/wt.	ac.-ft.	(153)
Rio Puerco	Guadalupe Dam, N. Mex.	---	4/25/39-5/4/39	7	Bl:lv	%/wt.	ac.-ft.	(153)
Rio Puerco	Near Guadalupe, N. Mex.	---	2/18/41-6/1/42	3	Bl:lv	%/wt.	ac.-ft.	(153)
Rio Puerco	Old English Dam, N. Mex.	---	3/4/37-4/16/41	39	Bl:lv	%/wt.	ac.-ft.	(153)
Rio Puerco	Near U.S. Hwy. 66, N. Mex.	---	4/7/37-4/14/37	4	Bl:lv	%/wt.	ac.-ft.	(153)
	...do...	---	9/2/39-6/2/42	9	Bl:lv	%/wt.	ac.-ft.	(153)
Rio Puerco	U.S. Hwy. 66, N. Mex.	2,463	2/16/37-6/2/42	462	Bl:lv	%/wt.	ac.-ft.	(153)
	...do...	2,463	8/24/42-9/11/42	2	Bl:lv	%/wt.	ac.-ft.	(153)
Rio Puerco	Rio Puerco, N. Mex.	5,160[b]	6/26-9/6/28	23	Pl:ldi	ppm	---	(25)
	...do...	5,160[b]	9/11/36-9/27/36	7	B5:ldi	%/wt.	---	(153)
	...do...	5,160[b]	2/15/37-6/2/42	337	Bl:lv	%/wt.	ac.-ft.	(153)
	...do...	5,160[b]	8/24/42	1	Bl:lv	%/wt.	ac.-ft.	(114)
Rio Puerco	12 mi. above mouth, N. Mex	---	9/8/39-9/14/39	5	Bl:lv	%/wt.	ac.-ft.	(153)
Rio Puerco	Near Bernardo, N. Mex.	6,092	7/14/26-5/11/27	4	Pl:ldi	ppm	---	(25)
Rio Puerco	U.S. Hwy. 85, N. Mex.	6,092	2/16/37-6/2/42	792	Bl:lv	%/wt.	ac.-ft.	(153)
	...do...	6,092	8/24/42-8/31/42	5	Bl:lv	%/wt.	ac.-ft.	(114)
Arroyo San Jose	N. Mex.Hwy. 44, N. Mex.	---	9/21/38-6/1/42	4	Bl:lv	%/wt.	ac.-ft.	(153)
Rio de Leche	Cuba, N. Mex.	---	4/26/38-6/1/42	15	Bl:lv	%/wt.	ac.-ft.	(153)
Arroyo	Camp SCS 8N, N. Mex.	---	4/13/41-5/2/41	2	Bl:lv	%/wt.	ac.-ft.	(153)
Arroyo de Los Pinos	La Ventana, N. Mex.	---	8/16/40-5/2/41	2	Bl:lv	%/wt.	ac.-ft.	(153)
Arroyo Chico	Near mouth, N. Mex.	1,364	6/20/41-8/14/41	3	Bl:lv	%/wt.	ac.-ft.	(153)
Torreon Arroyo	Near mouth, N. Mex.	---	7/5/39-8/4/39	2	Bl:lv	%/wt.	ac.-ft.	(153)
Arroyo	Rio Puerco, N. Mex.	---	6/29/38-9/15/39	12	Bl:lv	%/wt.	ac.-ft.	(153)
Arroyo	Near Rio Puerco, N. Mex.	---	6/29/38-5/4/41	18	Bl:lv	%/wt.	ac.-ft.	(153)
	...do...	---	6/29/38-6/17/41	7	Bl:lv	%/wt.	ac.-ft.	(153)
Arroyo	Rio Puerco, N. Mex.	---	7/14/38-6/17/41	3	Bl:lv	%/wt.	ac.-ft.	(153)
Canyoncito Arroyo	Rio Puerco, N. Mex.	---	9/2/38-9/7/38	6	Bl:lv	%/wt.	ac.-ft.	(153)
Canyoncito Arroyo	U.S Hwy. 66, N. Mex.	---	7/26/37-5/4/41	24	Bl:lv	%/wt.	ac.-ft.	(153)
San Jose River	Laguna, N. Mex.		7/1/38-5/26/41	150	Bl:lv	%/wt.	ac.-ft.	(153)

Part B

WESTERN GULF OF MEXICO BASINS

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Rio Grande Basin (cont'd)								
San Jose River	U.S. Hwy. 66, N. Mex.	2,612	2/16/37-10/25/41	209	Bl:lv	%/wt.	ac.-ft.	(153)
Seboyeta Creek	Laguna, N. Mex.	---	2/19/37-12/28/37	4	Bl:lv	%/wt.	ac.-ft.	(153)
Arroyo	Correo, N. Mex.	---	7/14/38-5/21/41	6	Bl:lv	%/wt.	ac.-ft.	(153)
Arroyo Colorado	U.S. Hwy. 66, N. Mex.	---	7/12/37-9/29/41	81	Bl:lv	%/wt.	ac.-ft.	(153)
Arroyo Lucero	Suwanee, N. Mex.	---	7/29/37-9/29/41	15	Bl:lv	%/wt.	ac.-ft.	(153)
Arroyo	Near Suwanee, N. Mex.	---	9/14/39-10/8/39	2	Bl:lv	%/wt.	ac.-ft.	(153)
Tank Arroyo	U.S. Hwy. 66, N. Mex.	---	7/14/38-8/23/40	4	Bl:lv	%/wt.	ac.-ft.	(153)
Windmill Arroyo	U.S. Hwy. 66, N. Mex.	---	8/23/40-6/17/41	2	Bl:lv	%/wt.	ac.-ft.	(153)
Salt Draw	Rio Pueroo, N. Mex.	---	7/29/37-10/8/39	7	Bl:lv	%/wt.	ac.-ft.	(153)
Rio Salado	Riley, N. Mex.	---	8/31/36-9/27/36	10	Bl:ldi	%/wt.	ac.-ft.	(153)
Rio Salado	U.S. Hwy. 85, N. Mex.	1,394	3/1/37-9/5/42	166	Bl:lv	%/wt.	ac.-ft.	(153)
Palo Duro Arroyo	San Acacia, N. Mex.	---	7/20/28-8/8/28	2	Pl:ldi	ppm	---	(25)
Nogal Canyon	U.S. Hwy. 85, N. Mex.	---	8/25/37-7/18/38	2	Bl:lv	%/wt.	ac.-ft.	(153)
Alamosa River	Dusty, N. Mex.	---	10/18/37-1/30/38	3	Bl:lv	%/wt.	ac.-ft.	(153)
Alamosa River	U.S. Hwy. 85, N. Mex.	---	7/16/38-9/5/42	2	Bl:lv	%/wt.	ac.-ft.	(153)
Animas Creek	U.S. Hwy. 85, N. Mex.	---	7/16/38-4/3/41	2	Bl:lv	%/wt.	ac.-ft.	(153)
Percha Creek	U.S. Hwy. 85, N. Mex.	---	6/27/37-7/16/38	3	Bl:lv	%/wt.	ac.-ft.	(153)
Tributary of Placitas Arroyo	Near Hatch, N. Mex.	---	6/26/37-7/20/38	9	Bl:lv	%/wt.	ac.-ft.	(153)
Rio Conchos	Cuchilla Parado, Chihuahua, Mex.	---	1/45-12/45	166	B3:ls	%/wt.	T/mo.	(76)
	.....do.....	---	1/46-9/46	133	B3:ls	%/wt.	T/mo.	(77)
Pecos River	Santa Rosa, N. Mex.	2,650[b]	7/7/05-12/29/06	65	Bl:ls	---	T/dy.	(102)
Pecos River	Dayton, N. Mex.	20,000	7/20/05-4/20/07	67	Bl:ls	---	T/dy.	(102)
Pecos River	Carlsbad, N. Mex.	18,100[b]	7/5/99-12/1/99	5	Bl:ls	ppm	---	(38)
	.....do.....	18,100[b]	5/22/05-4/30/07	96	Bl:ls	---	T/dy.	(102)
Pecos River	Near Orla, Tex.	21,300[b]	7/1/37-9/30/46	340	Bl:lm	ppm	---	(163)
Pecos River	At Pecos, Tex.	22,100[b]	4/1/39-6/30/41	75	Bl:lm	ppm	---	(163)
Pecos River	Below Grandfalls, Tex.	27,820[b]	4/1/39-6/30/42	70	Bl:lm	ppm	---	(163)
Pecos River	At Girvin, Tex.	29,560	8/28/39-6/30/41	65	Bl:lm	ppm	---	(163)
Pecos River	Near Sheffield, Tex.	31,660[b]	11/3/39-6/30/41	60	Bl:lm	ppm	---	(163)
Pecos River	Comstock, Tex.	35,293[a]	6/43-12/44	265	Bl:ldi	%/wt.	T/mo.	(75)
	.....do.....	35,293[a]	1/45-12/45	163	Bl:ldi	%/wt.	T/mo.	(76)
	.....do.....	35,293[a]	1/46-9/46	138	Bl:ldi	%/wt.	T/mo.	(77)
Gallinas River	Las Vegas, N. Mex.	90	3/19/05-3/31/06	42	Bl:ls	---	T/dy.	(102)
Rio Hondo	Roswell, N. Mex.	1,040[a]	3/26/05-8/4/05	16	Bl:ls	---	T/dy.	(102)
Rio Alamo	Mier, Tamaulipas, Mex.	1,675	1/34-12/34	12	B3:ls	%/wt.	T/mo.	(65)
	.....do.....	1,675	1/35-12/35	26	B3:ls	%/wt.	T/mo.	(66)
	.....do.....	1,675	1/36-12/36	7	B3:ls	%/wt.	T/mo.	(67)
	.....do.....	1,675	1/37-12/37	10	B3:ls	%/wt.	T/mo.	(68)
	.....do.....	1,675	1/38-12/38	46	B3:ls	%/wt.	T/mo.	(69)
	.....do.....	1,675	1/39-12/39	73	B3:ls	%/wt.	T/mo.	(70)
	.....do.....	1,675	1/40-12/40	34	B3:ls	%/wt.	T/mo.	(71)
	.....do.....	1,675	1/41-12/41	90	B3:ls	%/wt.	T/mo.	(72)
	.....do.....	1,675	1/42-12/42	100	B3:ls	%/wt.	T/mo.	(73)
	.....do.....	1,675	1/43-12/43	81	B3:ls	%/wt.	T/mo.	(74)
	.....do.....	1,675	1/44-12/44	86	B3:ls	%/wt.	T/mo.	(75)
	.....do.....	1,675	1/45-12/45	95	B3:ls	%/wt.	T/mo.	(76)
	.....do.....	1,675	1/46-9/46	77	B3:ls	%/wt.	T/mo.	(77)
Rio San Juan	Santa Rosalia, Tamaulipas, Mex.	12,013	1/34-12/34	17	B3:ls	%/wt.	T/mo.	(65)
	.....do.....	12,013	1/35-12/35	17	B3:ls	%/wt.	T/mo.	(66)
	.....do.....	12,013	1/36-12/36	23	B3:ls	%/wt.	T/mo.	(67)
	.....do.....	12,013	1/37-12/37	27	B3:ls	%/wt.	T/mo.	(68)
	.....do.....	12,013	1/38-12/38	206	B3:ls	%/wt.	T/mo.	(69)
	.....do.....	12,013	1/39-12/39	207	B3:ls	%/wt.	T/mo.	(70)
	.....do.....	12,013	1/40-12/40	191	B3:ls	%/wt.	T/mo.	(71)
	.....do.....	12,013	1/41-12/41	210	B3:ls	%/wt.	T/mo.	(72)
	.....do.....	12,013	1/42-7/42	125	B3:ls	%/wt.	T/mo.	(73)
Retamal Canal	Tamaulipas, Mex.	---	1/43-12/43	44	B3:ls	%/wt.	T/mo.	(74)
	.....do.....	---	1/44-12/44	67	B3:ls	%/wt.	T/mo.	(75)
	.....do.....	---	1/45-12/45	50	B3:ls	%/wt.	T/mo.	(76)
	.....do.....	---	1/46-9/46	99	B3:ls	%/wt.	T/mo.	(77)

Part 9

COLORADO RIVER BASIN

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Colorado River Main Stem								
Colorado River	Near Kremmling, Colo.	2,380	4/23/05-5/15/06	44	Bl:1	mg/l	T/dy.	(102)
Colorado River	Palisade, Colo.	8,550[a]	3/15/05-5/5/06	28	Bl:1	mg/l	T/dy.	(102)
Colorado River	Near Cisco, Utah	24,100[b]	11/1/14-8/31/15	---	Bl:1e	%/wt.	T	(36)
	do.	24,100[b]	10/1/29-9/30/30	36	Bl:1e	ppm	---	(56)
	do.	24,100[b]	5/29-9/41	1/	Dic3:1di	%/wt.	T/dy.	(57)
	do.	24,100[b]	10/41-9/42	1/	Dic3:1di	%/wt.	T/dy.	(22)
	do.	24,100[b]	10/42-9/43	1/	Dic3:1di	%/wt.	T/dy.	(58)
	do.	24,100[b]	10/43-9/44	1/	Dic3:1di	%/wt.	T/dy.	(158)
Colorado River	At Lees Ferry, Ariz.	107,900[b]	1/11/26-7/11/26	10	Bl:1e	ppm	T/dy.	(19)
	do.	107,900[b]	10/1/29-9/30/30	36	Bl:1e	ppm	---	(56)
	do.	107,900[b]	10/29-12/33	Daily	Dic3:1di	%/wt.	T/dy.	(57)
	do.	107,900[b]	11/42-9/43	Daily	Dic3:1di	%/wt.	T/dy.	(58)
	do.	107,900[b]	10/43-9/44	Daily	Dic3:1di	%/wt.	T/dy.	(158)
Colorado River	Near Grand Canyon, Ariz.	137,800[b]	8/23/25-10/12/25	---	Bl:1e	ppm	T/dy.	(19)
	do.	137,800[b]	10/25-9/28	1/	Dic3:1di	%/wt.	T/dy.	(55)
	do.	137,800[b]	10/28-9/41	Daily	Dic3:1di	%/wt.	T/dy.	(56)(57)(155)
	do.	137,800[b]	10/41-9/42	Daily	Dic3:1di	%/wt.	T/dy.	(22)(163)
	do.	137,800[b]	10/42-11/42	Daily	Dic3:1di	%/wt.	T/dy.	(58)
	do.	137,800[b]	11/42-9/46	Daily	DiI3:1di	%/wt.	T/dy.	(158)(159)(160)
Colorado River	At Willow Beach, Ariz.	168,400	10/34-9/39	Daily	Dic3:1di	%	T/dy.	(57)
Colorado River	Topock, Ariz.	171,000[a]	8/1/17-7/15/18	24	UPT3:5v	%/wt.	T	(36)
	do.	172,300[b]	8/14/25-10/2/25	---	Bl:1e	ppm	T/dy.	(19)
	do.	172,300[b]	10/3/25-9/3/28	305	Dic3:3di	%/wt.	T/dy.	(55)
	do.	172,300[b]	10/28-3/39	1/	Dic3:3di	%/wt.	T/dy.	(57)
Colorado River	Taylor's Ferry, Ehrenberg, Ariz.	---	5/9/39-	---	T-B	---	---	(155)
Colorado River	Near Picacho, Calif.	186,100[b]	2/8/36-8/29/39	---	T-B	---	---	(155)
Colorado River	Imperial Dam, Laguna, Ariz.	---	5/15/33-1/24/34	---	T-B	---	---	(155)
	do.	---	5/15/35-7/26/35	---	T-B	---	---	(155)
	do.	---	8/2/35-1/24/36	---	T-B	---	---	(155)
Colorado River	Imperial Dam Sluiceway, Laguna, Ariz.	---	6/14/38-	---	T-B	---	---	(155)
Colorado River	Imperial Dam, Sludge Pipee, Laguna, Ariz.	---	11/7/45-	---	Special	---	---	(154)
Colorado River	Laguna Dam, Laguna, Ariz.	---	4/33-7/34	---	T-B	---	---	(155)
Colorado River (Irrigation Canal)	Near Bard, Calif.	---	10/23/33-12/26/34	56	Bl:1e	%/wt.	lb.&ac.-ft	(152)
	do.	---	1/2/35-12/26/35	49	Bl:1e	%/wt.	lb.&ac.-ft	(152)
	do.	---	1/6/36-12/28/36	51	Bl:1e	%/wt.	lb.&ac.-ft	(152)
	do.	---	1/6/37-12/27/37	53	Bl:1e	%/wt.	lb.&ac.-ft	(152)
	do.	---	1/3/38-12/27/38	52	Bl:1e	%/wt.	lb.&ac.-ft	(152)
Colorado River	Yuma, Ariz.	242,900[b]	8/1/92-2/28/93	2/	Bl:1	parts/100,000	lb./mo.	(17)
	do.	242,000[a]	1/10/1900-1/24/01	61	Bl:1e	ppm	---	(34)
	do.	242,900[b]	1/03-1/12/03	---	Bl:1e	%/wt.	---	(36)
	do.	242,900[b]	1/1/04-12/30/04	---	Bl:1e	%/wt.	---	(35)
	do.	242,900[b]	1/1/05-12/30/05	---	Bl:1e	mg/l	---	(102)
	do.	242,900[b]	5/09-10/09	---	URY3:3v	%/wt.	---	(155)
	do.	242,900[b]	4/10-5/33	---	URY3:3v	%/wt.	---	(155)
	do.	242,900[b]	5/33-7/34	---	T-B3:3v	%/wt.	---	(155)
	do.	242,900[b]	7/34-6/38	---	URY3:3v	%/wt.	---	(155)
	do.	242,900[b]	6/38-	---	T-B3:3v	%/wt.	---	(155)
Diversions at and below Imperial Dam								
All-American Canal	At Sta.60, near Laguna, Ariz.	---	1/27/39-3/1/39	---	T-B	---	---	(155)
	do.	---	10/26/40-	---	T-B	---	---	(155)
All-American Canal	At Sta.598, near Laguna, Ariz.	---	11/2/40-1/14/41	---	T-B	---	---	(155)
All-American Canal	At Sta.810, near Yuma, Ariz.	---	1/28/41-4/22/42	---	T-B	---	---	(155)
All-American Canal	At Sta.1115, near Yuma, Ariz.	---	6/20/45-	---	T-B	---	---	(154)
All-American Canal	At Sta.1173, near Yuma, Ariz.	---	2/12/41-7/16/46	---	T-B	---	---	(155)
All-American Canal	At Sta.1900, near Yuma, Ariz.	---	7/8/42-	---	T-B	---	---	(155)
All-American Canal	At Sta.1950, near Yuma, Ariz.	---	3/6/41-4/7/42	---	T-B	---	---	(155)
All-American Canal	At Sta.2180, near Graye Welle, Calif.	---	5/6-25/42	---	T-B	---	---	(155)
All-American Canal	At Sta.2963, near Graye Welle, Calif.	---	3/12/41-	---	T-B	---	---	(154)
Coachella Canal	At Sta. 10, Calif.	---	4/18/45-	---	T-B	---	---	(154)
Yuma Main Canal	At R.C. Check, near Laguna, Ariz.	---	4/33-6/34	---	T-B	---	---	(154)
	do.	---	6/38-7/41	---	T-B	---	---	(154)
Yuma Main Canal	At Siphon Drop, near Yuma, Ariz.	---	8/41-	---	T-B	---	---	(154)
Yuma Main Canal	At Laboratory, near Yuma, Ariz.	---	1/6/43-	---	T-B	---	---	(154)
Imperial (Alamo) Canal	At Hanlon Heading, Mex.	---	10/07-9/08	12	Bl:1e	%/vol.	---	(36)
	do.	---	1/14-12/14	12	Bl:1e	%/vol.	---	(36)
	do.	---	7/17-6/18	12	Bl:1e	%/vol.	---	(47)(154)
	do.	---	9/28/35-2/11/42	---	T-B	---	---	(154)
Imperial (Alamo) Canal	At Alamo Mocho, Mex.	---	7/17-6/18	12	Bl:1e	%/wt.	---	(36)
	do.	---	11/30/35-3/22/41	---	T-B	---	---	(154)
Imperial (Alamo) Canal	At Cudahy Check, Mex.	---	7/17-6/18	12	Bl:1e	%/wt.	---	(36)

1/ Generally 3 samplee per week.
2/ Samplee taken daily.

COLORADO RIVER BASIN

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Diversions at and below Imperial Dam								
Imperial (Alamo) Canal	At Lawrence Heading, Mex.	---	7/17-6/18	12	Bl:ls	%/wt.	---	(36)
Imperial (Alamo) Canal	At Allison Heading, Mex.	---	1/14-12/14	12	Bl:le	%/vol.	---	(36)
Imperial (Alamo) Canal	At Sharp'e Heading, Mex.	---	10/07-9/08	12	Bl:ls	%/vol.	---	(36)
	.....do.....	---	2/2/16-2/3/16	3	Bl:le	%/vol.	---	(36)
Imperial Canals - No. 5 Main Canal	At No. 5 Delivery, Calif.	---	7/17-6/18	12	Bl:le	%/wt.	---	(36)
Imperial Canals - Holt Canal	At No. 5 Headgate, Calif.	---	10/07-9/08	12	Bl:ls	%/vol.	---	(36)
	.....do.....	---	1/14-12/14	12	Bl:le	%/vol.	---	(36)
Imperial Canals - E. Side Main Canal	At Check No. 1, Calif.	---	7/17-6/18	12	Bl:le	%/wt.	---	(36)
Imperial Canals - E. Side Main Canal	At Myrtle Check, Calif.	---	7/17-6/18	12	Bl:le	%/wt.	---	(36)
Imperial Canals - E. Side Main Canal	At Junction Lateral, Calif	---	7/17-6/18	12	Bl:le	%/wt.	---	(36)
Imperial Canals - Brawley Canal	At No. 4 Headgate, Calif.	---	10/07-9/08	12	Bl:le	%/vol.	---	(36)
	.....do.....	---	7/17-6/18	12	Bl:le	%/wt.	---	(36)
Imperial Canals - Brawley Main Extension Canal	Near Brawley, Calif.	---	12/07-9/08	10	Bl:ls	%/vol.	---	(36)
Imperial Canals - Central Main Canal	At Ten Foot Drop, Calif.	---	10/07-9/08	12	Bl:le	%/vol.	---	(36)
	.....do.....	---	7/17-6/18	12	Bl:ls	%/wt.	---	(36)
Imperial Canals - Central Main Canal	At Dahlia Heading, Calif.	---	10/07-9/08	12	Bl:le	%/vol.	---	(36)
	.....do.....	---	2/1/16-2/2/16	3	Bl:le	%/vol.	---	(36)
	.....do.....	---	6/19/18-6/20/18	3	Bl:le	%/vol.	---	(36)
Imperial Canals - Dahlia Canal	At Dahlia Heading, Calif.	---	7/17-6/18	12	Bl:le	%/vol.	---	(36)
Imperial Canals - Dahlia Canal	At Lateral Gate, near El Centro, Calif.	---	10/07-9/08	12	Bl:le	%/vol.	---	(36)
Imperial Canals - Dahlia Canal	At Lateral No. 12, Calif.	---	7/17-6/18	12	Bl:le	%/wt.	---	(36)
Imperial Canals - W. Side Main Canal	At International Boundary	---	7/17-6/18	12	Bl:le	%/wt.	---	(36)
Imperial Canals - W. Side Main Canal	At Wieteria Check, Calif.	---	7/17-6/18	12	Bl:le	%/wt.	---	(36)
Imperial Canals - W. Side Main Canal	At No. 8 Delivery, Calif.	---	7/17-6/18	12	Bl:le	%/wt.	---	(36)
Imperial Canals - Tripolium Canal	At No. 6 Heading, Calif.	---	7/17-6/18	12	Bl:le	%/wt.	---	(36)
Imperial Canals - North End Canal	At North End Heading, Calif.	---	7/17-6/18	10	Bl:le	%/wt.	---	(36)
Imperial Canals - Rositas Canal	At Rositae Heading, Calif	---	7/17-6/18	12	Bl:le	%/wt.	---	(36)
Tributaries above Gunnison River								
West Rifle Creek	Near Rifle, Colo.	65	12/19/40-11/6/41	10	Bl:lv	ppm	---	(155)
West Rifle Creek	Above Rifle, Colo.	102	12/19/40-11/6/41	10	Bl:lv	ppm	---	(155)
Rifle Creek	Near Rifle, Colo.	140	3/7/41-11/6/41	9	Bl:lv	ppm	---	(155)
Middle Rifle Creek	At Jct. with West Rifle Creek, Colo.	27	12/19/40-11/6/41	10	Bl:lv	ppm	---	(155)
East Rifle Creek	Near Rifle, Colo.	25	12/19/40-11/6/41	10	Bl:lv	ppm	---	(155)
East Rifle Creek	Above Rifle, Colo.	32	3/7/41-8/2/41	6	Bl:lv	ppm	---	(155)
Gunnison River Basin								
Gunnison River	At Almont, Colo.	735	10/19/45-5/2/46	3	Bl:lv	ppm	---	(155)
Gunnison River	Sapinero, Colo.	2,025	9/45-2/46	3	Bl:lv	ppm	---	(155)
Gunnison River	At Cimarron, Colo.	3,900	1946	2	Bl:lv	ppm	---	(155)
Gunnison River	Whitewater, Colo.	7,870	4/2/05-10/31/05	31	Bl:l	mg/l	T/dy.	(102)
Dolores River Basin								
Dolores River	At Dolores, Colo.	556[b]	4/30/40-8/26/41	13	Bl:lv	ppm	---	(155)
Green River Basin								
Green River	At Warren Bridge, near Daniel, Wyo.	468[b]	8/16/39-10/3/39	3	Bl:lv	ppm	---	(155)
Green River	Green River, Wyo.	7,450[a]	5/1/05-11/1/05	22	Bl:l	mg/l	T/dy.	(102)
	.....do.....	7,670[b]	8/22/39-12/29/41	86 3/	Bl:lv	ppm	---	(155)
Green River	Jensen, Utah.	26,600[b]	3/24/05-5/11/06	50	Bl:l	mg/l	T/dy.	(102)
Green River	At Greenriver, Utah.	40,600[b]	8/1/14-8/31/15	---	Bl:l	%/wt.	T	(36)
	.....do.....	40,600[b]	5/29-9/41	1/	Dic3:ldi	%	T/dy.	(57)
	.....do.....	40,600[b]	10/1/29-9/30/30	36	Bl:l	ppm	---	(56)
	.....do.....	40,600[b]	10/41-9/42	Daily	Dic3:ldi	%	T/dy.	(22)
	.....do.....	40,600[b]	10/42-9/43	Daily	Dic3:ldi	%	T/dy.	(58)
	.....do.....	40,600[b]	10/43-9/44	Daily	Dic3:ldi	%	T/dy.	(158)
New Fork	Near Boulder, Wyo.	522[b]	8/26/39-10/3/39	4	Bl:lv	ppm	---	(155)
North Piney Creek	Big Piney, Wyo.	95	8/21/39-10/10/39	5	Bl:lv	ppm	---	(155)
Fontenelle Creek	Fontenelle, Wyo.	224[b]	8/22/39-10/10/39	4	Bl:lv	ppm	---	(155)
Big Sandy Creek	At Farson, Wyo.	322[b]	8/10/39-6/27/41	17	Bl:lv	ppm	---	(155)
Little Sandy Creek	At Fareon, Wyo.	---	3/9/40-6/27/41	12	Bl:lv	ppm	---	(155)
Bitter Creek	Point of Rocks, Wyo.	720	5/15/41-8/9/41	4	Bl:lv	ppm	---	(155)
Bitter Creek	Superior, Wyo.	742	3/20/41-4/17/41	4	Bl:lv	ppm	---	(155)
Blacks Fork	Near Urie, Wyo.	261[b]	12/12/39-6/29/41	8	Bl:lv	ppm	---	(155)
Blacks Fork	Lyman, Wyo.	821	12/13/39-6/1/40	3	Bl:lv	ppm	---	(155)
Blacke Fork	Below Lyman, Wyo.	821[b]	8/24/39-9/20/40	8	Bl:lv	ppm	---	(155)
Blacks Fork	At Granger, Wyo.	---	5/7/40-9/29/40	3	---	ppm	---	(155)
Blacks Fork	Near Granger, Wyo.	---	5/13/40-12/28/41	60	Bl:lv	ppm	---	(155)
Blacke Fork	Bryan, Wyo.	---	9/30/39-10/12/39	2	Bl:lv	ppm	---	(155)
Smith Fork	At Mountain View, Wyo.	192[b]	5/3/40-10/19/40	4	Bl:lv	ppm	---	(155)
Smith Fork	At mouth near Lyman, Wyo.	---	5/7/40-10/22/40	4	Bl:lv	ppm	---	(155)
Vermillion Creek	Near Grayetone, Colo.	1,054	4/10/41-8/18/41	13	Bl:lv	ppm	---	(155)
Escalante River Basin								
Escalante River	Escalante, Utah.	---	5/3/40-8/24/40	---	Bl:ldi	---	---	(155)
San Juan River Basin								
San Juan River	Near Bluff, Utah.	23,000[b]	11/1/14-8/31/15	---	Bl:ls	%/wt.	T	(36)
	.....do.....	23,000[b]	8/28-9/28	3/	Dic3:ldi	%/wt.	T/dy.	(57)
	.....do.....	23,000[b]	7/29-9/29	3/	Dic3:ldi	%/wt.	T/dy.	(57)
	.....do.....	23,000[b]	10/29-9/41	Daily	Dic3:ldi	%/wt.	T/dy.	(57)
	.....do.....	23,000[b]	10/41-9/42	Daily	Dic3:ldi	%/wt.	T/dy.	(22)
	.....do.....	23,000[b]	10/42-9/43	Daily	Dic3:ldi	%/wt.	T/dy.	(58)
	.....do.....	23,000[b]	10/43-9/44	Daily	DiI3:ldi	%/wt.	T/dy.	(158)
Animas River	Durango, Colo.	692[b]	3/19/05-12/18/05	30	Bl:l	mg/l	T/dy.	(102)
Black Creek	U.S. Hwy. 666, near Gallup, N. Mex.	7.41	7/19/35-9/20/36	8	URYl:ldi	%/wt.	---	(153)

1/ Generally 3 samples per week.
3/ Minimum of 1 per day, 2 to 4 per day during changing stages.

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
San Juan River Basin (cont'd)								
Black Creek	U.S. Hwy.666, Near Gallup N. Mex.	7.41	7/27/37-10/25/39	4/	URY1:1di	%/wt.	T/ac.	(60)
Deer Springe Wash	Deer Springe Diversion Dam, near Gallup, N. Mex.	5.25	8/1/35-9/10/39	4	URY1:1di	%/wt.	---	(153)
Catron Wash	Near Gallup, N. Mex.	26.91	7/19/35-8/27/36	15	URY1:1di	%/wt.	---	(153)
	.....do.....	26.91	8/27/37-10/25/39	4/	URY1:1di	%/wt.	T/ac.	(60)
Figueredo Creek	U.S. Hwy.666, Near Gallup, N. Mex.	72.00	8/27/36-10/20/36	4	URY1:1di	%/wt.	---	(153)
	.....do.....	72.00	5/28/37-10/25/39	4/	URY1:1di	%/wt.	T/ac.	(60)
	.....do.....	72.00	4/1/40-9/31/40	27	A-El:lv	%/wt.	T/ac.	(153)
Lower Crevasse Canyon	Near Gallup, N. Mex.	13.27	6/21/38-10/25/39	4/	URl:1di	%/wt.	T/ac.	(60)
Mexican Springs Wash	Near Gallup, N. Mex.	32.67	7/19/35-9/27/35	26	URY1:1di	%/wt.	---	(153)
	.....do.....	32.67	5/27/37-10/25/39	4/	URY1:1di	%/wt.	T/ac.	(60)
	.....do.....	32.67	4/1/40-10/31/41	5/	A-El:lv	%/wt.	T/ac.	(153)
Yazzie Wash	Near Gallup, N. Mex.	2.07	6/28/38-8/23/39	7	URY1:1di	%/wt.	---	(153)
	.....do.....	2.07	5/1/41-9/30/41	4/	A-El:lv	%/wt.	T/ac.	(153)
Parahall Wash	Near Gallup, N. Mex.	0.95	8/9/38-9/6/38	2	URY:1di	%/wt.	---	(153)
Chueka Wash	Near Gallup, N. Mex.	8.67	7/15/38-7/29/39	12	URY:1di	%/wt.	---	(153)
	.....do.....	8.67	4/1/40-9/1/41	4/	A-El:lv	%/wt.	T/ac.	(153)
Black Springe Wash	Near Gallup, N. Mex.	7.05	7/25/36-9/10/38	5	URY1:1di	%/wt.	---	(153)
Nororoee Wash	Near Gallup, N. Mex.	3.98	7/9/36-8/6/36	5	URY1:1di	%/wt.	---	(153)
	.....do.....	3.98	5/7/37-7/28/39	4/	URY1:1di	%/wt.	T/ac.	(60)
Muddy Creek	Near Gallup, N. Mex.	5.56	7/25/36-9/10/38	13	URY1:1di	%/wt.	---	(153)
McElmo Creek	Near Dolores, Colo.	233	4/30/40-12/13/40	15	Bl:lv	ppm	---	(155)
McElmo Creek	Near Cortez, Colo.	233	11/30/40-8/26/41	13	Bl:lv	ppm	---	(155)
Little Colorado River Basin								
Little Colorado River	Woodruff, Ariz.	6,000[a]	4/15/05-4/3/06	27	Bl:l	mg/l	T/dy.	(102)
Little Colorado River	Near Woodruff, Ariz.	8,100[b]	7/28/42-8/31/43	20	Bl:lv	ppm	---	(155)
Little Colorado River	Holbrook, Ariz.	17,630	12/31/05-1/11/06	5	Bl:l	mg/l	T/dy.	(102)
Little Colorado River	St. Joseph, Ariz.	---	9/28/40-8/28/43	29	Bl:lv	ppm	---	(155)
Little Colorado River	Grand Falls, Ariz.	21,200[b]	12/7/25-5/18/26	9	Bl:le	ppm	T/dy.	(19)
	.....do.....	21,200[b]	7/31-9/31	3/	Dic3:1di	%/wt.	T/dy.	(57)
	.....do.....	21,200[b]	1/4/43-8/31/43	9	Bl:lv	ppm	---	(155)
Silver Creek	Near Woodruff, Ariz.	942[b]	6/23/42-8/31/43	17	Bl:lv	ppm	---	(155)
Chevelon Creek	Near Winslow, Ariz.	1,100[a]	6/23/42-6/29/43	14	Bl:lv	ppm	---	(155)
Clear Creek	Near Winslow, Ariz.	607[b]	6/23/42-6/29/43	14	Bl:lv	ppm	---	(155)
Kanab Creek Basin								
Kanab Creek	Near Glendale, Utah.	90	3/21/40-4/30/41	5	Bl:lv	ppm	---	(154)
	.....do.....	90	3/29/44-5/6/44	50	Bl:lv	ppm	---	(154)
Virgin River Basin								
Virgin River	At Virgin, Utah.	934[b]	1/13/36-6/3/44	533	Bl:ldi	ppm	---	(155)
N. Fk. Virgin River	Near Springdale, Utah.	336[b]	10/19/36-7/25/41	3	Bl:ldi	ppm	---	(155)
Big Kolob Creek	Near Kanarraville, Utah.	---	9/29/39-8/6/41	22	Bl:ldi	ppm	---	(155)
Ash Creek	Near New Harmony, Utah.	100	4/7/39-8/20/42	57	Bl:ldi	ppm	---	(155)
Ash Creek	Near Toquerville, Utah.	200	7/8/36-10/19/36	4	Bl:ldi	ppm	---	(155)
Kanarra Creek	Near Kanarraville, Utah.	---	4/15/40-4/22/42	19	Bl:ldi	ppm	---	(155)
Kanarra Creek	Near New Harmony, Utah.	---	4/1/40-7/22/42	7	Bl:ldi	ppm	---	(155)
Laverkin Creek	Near Laverkin, Utah.	95	1/29/41-5/19/42	75	Bl:ldi	ppm	---	(155)
Santa Clara River	At Gunlock, Utah.	280	4/17/39-7/25/41	21	Bl:ldi	ppm	---	(155)
Santa Clara River	Near Santa Clara, Utah.	535	5/8/39-4/7/44	71	Bl:ldi	ppm	---	(155)
Moody Wash	Near Veyo, Utah.	70	4/17/39-2/18/41	10	Bl:ldi	ppm	---	(155)
Ivine Dry Wash	Near Santa Clara, Utah.	80	1/24/41-7/26/41	9	Bl:ldi	ppm	---	(155)
Fort Pierce Wash	Near St. George, Utah.	---	3/14/41-4/11/41	3	Bl:ldi	ppm	---	(155)
Bill Williams River Basin								
Bill Williams River	Planet, Ariz.	5,140[b]	10/23/29-9/29/30	14	Bl:le	ppm	---	(56)
Gila River Basin								
Gila River	Near Safford, Ariz.	---	10/15-20/16	6	Bl:l	%/wt.		(93)
Gila River	Near Pima, Ariz.	---	10/14/16	2	Bl:l	%/wt.		(93)
Gila River	San Carloe, Ariz.	13,500[a]	4/01-12/01	---	B	%/vol.	ac.-ft.	(106)
	.....do.....	13,500[a]	1/02-12/02	---	B	%/wt.	ac.-ft.	(106)
	.....do.....	13,500[a]	7/21/04-10/24/04	---	B	%/vol.	---	(106)
	.....do.....	13,500[a]	3/9/05-1/2/06	---	B	%/wt.	---	(106)
Gila River	Florence, Ariz.	---	7/7/93-8/7/93	---	B	%/vol.	---	(82)
	.....do.....	---	7/29/95-12/31/95	156	B	%/vol.	ac.-ft.	(82)
	.....do.....	---	1/1/99-7/31/99	211	B	%/vol.	---	(82)
	.....do.....	---	11/28/99-11/5/1900	25	B	%/wt.	---	(36)
Gila River	Gilleepie Dam, Ariz.	49,600[b]	2/27/26-4/16/26	2	Bl:le	ppm	T/dy.	(19)
Gila River	Yuma, Ariz.	---	8/5/14-10/15/14	---	URY3:3v	%/wt.	T	(36)
	.....do.....	---	10/11/16-11/3/16	---	URY3:3v	%/wt.	T	(36)
San Francisco River	Alma, N. Mex.	1,800	4/14/05-4/22/06	30	Bl:l	mg/l	T/dy.	(102)
Salt River	Roosevelt, Ariz.	5,760[a]	1/01-12/02	---	---	---	ac.-ft/mo.	(157)
	.....do.....	5,760[a]	4/9/05-4/23/06	27	B	mg/l	T/dy.	(36)
Salt River	McDowell, Ariz.	6,260	1/01-12/01	---	B	---	ac.-ft.	(36)
Verde River	McDowell, Ariz.	6,000	4/5/05-3/10/06	23	Bl:l	mg/l	T/dy.	(102)

3/ Minimum of 1 per day, 2 to 4 per day during changing stages.
4/ Sampling of runoff from major storms, at rising, peak, and subsiding stages.

Part 10

THE GREAT BASIN

ORAINAGE BASIN AND STREAM	LOCATION	ORAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Owens Lake Basin								
Owens River	Round Valley, Calif.	450	5/13/06-4/27/07	43	Bl:1	mg/l	T/dy.	(102)
	do.	450	12/31/07-12/31/08	28	Bl:1	ppm	---	(166)
Owens River	Tinemaha, Calif.	1,930[b]	11/6/06-4/14/07	22	Bl:1	mg/l	T/dy.	(102)
	do.	1,930[b]	12/31/07-12/31/08	36	Bl:1	ppm	---	(166)
Humboldt-Carson Sink Basin								
Carson River Basin								
Carson River	Hazen, Nev.	1,700	4/10/06-4/15/07	46	Bl:1	mg/l	---	(102)
Pyramid and Winnemucca Lakes Basin								
Truckee River	Derby, Nev.	1,750	4/10/06-3/13/07	39	Bl:1	mg/l	T/dy.	(102)
Albert Lake Basin								
Chewaucan River	Paisley, Oreg.	275[b]	8/11/11-8/14/12	37	Bl:1	ppm	T/dy.	(165)
Malheur and Harney Lakes Basin								
Silvies River	Burns, Oreg.	934[b]	10/12/11-10/14/12	22	Bl:1	ppm	T/dy.	(165)

PACIFIC SLOPE BASINS IN CALIFORNIA

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Tia Juana River Basin								
Cottonwood Creek	Barrett, Calif.	246	12/31/07-12/31/08	6	Bl:ls	ppm	---	(166)
San Dieguito River Basin								
Santa Ysabel Creek	Escondido, Calif.	128	12/31/07-12/31/08	6	Bl:ls	ppm	---	(166)
San Luis Rey River Basin								
San Luis Rey River	Pala, Calif.	326[b]	1/1/06-12/31/06	33	Bl:ls	ppm	---	(166)
Santa Ana River Basin								
Santa Ana River	Mentone, Calif.	189[b]	1/1/06-12/31/06	33	Bl:ls	ppm	---	(166)
	.....do.....	189[b]	12/31/07-12/31/08	4	Bl:ls	ppm	---	(166)
Santa Ana River	Corona, Calif.	---	12/31/07-12/31/08	12	Bl:ls	ppm	---	(166)
San Gabriel River Basin								
San Gabriel River	Near Azusa, Calif.	211[b]	12/31/07-12/31/08	7	Bl:ls	ppm	---	(166)
San Gabriel River	Rivera, Calif.	---	12/31/07-12/31/08	2	Bl:ls	ppm	---	(166)
Rogers Creek	Near Azusa, Calif.	6.4[b]	12/16/24-4/7/26	7	Bl:lv	%/wt.	---	(59)
Fish Creek	Near Duarte, Calif.	6.5[b]	12/16/24-3/31/25	2	Bl:lv	%/wt.	---	(59)
Sawpit Creek	Near Monrovia, Calif.	5.3[b]	12/16/24-4/4/25	2	Bl:lv	%/wt.	---	(59)
Malibu Creek Basin								
Malibu Creek	Calabasas, Calif.	---	1/1/06-12/29/06	28	Bl:ls	ppm	---	(166)
Ventura River Basin								
Ventura River	Ventura, Calif.	187[b]	12/31/07-12/31/08	3	Bl:ls	ppm	---	(166)
Santa Ynez River Basin								
Santa Ynez River	At Gibraltar Dam, near Santa Barbara, Calif.	219[b]	1/1/06-12/31/06	31	Bl:ls	ppm	---	(166)
	.....do.....	219[b]	12/31/07-3/9/08	3	Bl:ls	ppm	---	(166)
Santa Maria River Basin								
Cuyama River	Ozena, Calif.	---	1940-41	7	B4:ldi	ppm	---	(148)
Cuyama River	On State Hwy.166, Wasioja, Calif.	---	1940-41	12	B4:ldi	ppm	---	(148)
Cuyama River	Gypsum Canyon, Wasioja, Calif.	---	1940-41	17	B4:ldi	ppm	---	(148)
Cuyama River	Above Huasna River, Sisquoc, Calif.	---	1940-41	12	B4:ldi	ppm	---	(148)
Santa Maria River	At Jct. with Sisquoc River, Sisquoc, Calif.	1,630	1940-41	7	B4:ldi	ppm	---	(148)
Santa Maria River	Santa Maria, Calif.	---	1/2/06-12/31/06	35	Bl:ls	ppm	---	(148)
	.....do.....	---	1940-41	18	B4:ldi	ppm	---	(148)
Santa Maria River	Guadalupe, Calif.	1,763[b]	1940-41	16	B4:ldi	ppm	---	(148)
Ballinger Canyon	Pattiway, Calif.	---	1940-41	4	B4:ldi	ppm	---	(148)
Huasna River	Nipomo, Calif.	---	1940-41	8	B4:ldi	ppm	---	(148)
Tepusquet Creek	Sisquoc, Calif.	28.9[b]	1940-41	3	B4:ldi	ppm	---	(148)
Bradley Canyon	Sisquoc, Calif.	---	1940-41	11	B4:ldi	ppm	---	(148)
Salinas River Basin								
Salinas River	Paso Robles, Calif.	389[b]	12/31/07-12/31/08	30	Bl:ls	ppm	---	(166)
Estrella Creek	San Miguel, Calif.	924	12/31/07-12/31/08	38	Bl:ls	ppm	---	(166)
Nacimiento River	San Miguel, Calif.	354[b]	1/10/08-12/31/08	11	Bl:ls	ppm	---	(166)
San Antonio River	Near Bradley, Calif.	342[b]	12/31/07-12/31/08	3	Bl:ls	ppm	---	(166)
Arroyo Seco	Soledad, Calif.	241[b]	1/1/06-12/30/06	32	Bl:ls	ppm	---	(166)
Pajaro River Basin								
Pajaro River	Near Chittendon, Calif.	1,188[b]	1/23/40-2/28/40	26	B4:ldi	ppm	---	(150)
South Fork Pacheco Creek	Dunneville, Calif.	---[b]	1/31/40-2/27/40	5	B4:ldi	ppm	---	(150)
Pacheco Creek	Dunneville, Calif.	146[b]	1/26/40-2/27/40	5	B4:ldi	ppm	---	(150)
Santa Ana Creek	Hollister, Calif.	---	2/14/40-2/28/40	5	B4:ldi	ppm	---	(150)
Arroyo de Las Viboras	Hollister, Calif.	---	2/14/40-2/28/40	6	B4:ldi	ppm	---	(150)
Llagas Creek	Morgan Hill, Calif.	30.2[b]	1/26/40-2/28/40	8	B4:ldi	ppm	---	(150)
Llagas Creek	Gilroy, Calif.	---	1/26/40-2/28/40	12	B4:ldi	ppm	---	(150)
Uvas Creek	Gilroy, Calif.	---	1/26/40-2/28/40	6	B4:ldi	ppm	---	(150)
Carnadero Creek	Gilroy, Calif.	---	1/26/40-2/27/40	11	B4:ldi	ppm	---	(150)
San Benito River	Bitter Water, Calif.	---	2/1/40-2/27/40	4	B4:ldi	ppm	---	(150)
San Benito River	San Benito, Calif.	---	2/23/40-2/28/40	3	B4:ldi	ppm	---	(150)
San Benito River	Pinnacles, Calif.	250[b]	2/1/40-2/29/40	15	B4:ldi	ppm	---	(150)
San Benito River	Hollister, Calif.	---	1/1/06-12/30/06	18	Bl:ls	ppm	---	(166)
	.....do.....	---	2/1/40-2/28/40	13	B4:ldi	ppm	---	(150)
San Benito River	Canfield, Calif.	---	2/1/40-2/28/40	12	B4:ldi	ppm	---	(150)
Willow Creek	Pinnacles, Calif.	---	2/1/40-2/27/40	6	B4:ldi	ppm	---	(150)
Peon Creek	Pinnacles, Calif.	---	2/3/40-2/27/40	5	B4:ldi	ppm	---	(150)
Tres Pinos Creek	Palcines, Calif.	---[b]	2/26/40-3/30/40	2	B4:ldi	ppm	---	(150)
Tres Pinos Creek	Tres Pinos, Calif.	209[b]	2/1/40-2/28/40	21	B4:ldi	ppm	---	(150)
Las Muertos Creek	Palcines, Calif.	---	2/26/40-3/30/40	2	B4:ldi	ppm	---	(150)
San Juan Creek	Canfield, Calif.	---	2/3/40-2/27/40	5	B4:ldi	ppm	---	(150)
Corralitos Creek	Watsonville, Calif.	---	1/26/40-2/28/40	12	B4:ldi	ppm	---	(150)
Casserly Creek	Watsonville, Calif.	---	1/31/40-2/14/40	6	B4:ldi	ppm	---	(150)
San Lorenzo River Basin								
San Lorenzo River	Big Trees, Calif.	110[b]	1/6/06-12/31/06	34	Bl:ls	ppm	---	(166)
Alameda Creek Basin								
Alameda Creek	Niles, Calif.	633[b]	1/1/06-11/30/06	33	Bl:ls	ppm	---	(166)
Kern River Basin								
Kern River	Bakersfield, Calif.	2,420[b]	1/1/06-12/12/06	35	Bl:ls	ppm	---	(166)
San Joaquin River Basin								
San Joaquin River Main Stem								
San Joaquin River	Lathrop, Calif.	---	1/1/06-12/31/06	36	Bl:ls	ppm	---	(166)
	.....do.....	---	12/31/07-12/31/08	37	Bl:ls	ppm	---	(166)
Merced River Basin								
Merced River	Merced Falls, Calif.	1,090[b]	1/1/06-7/31/06	20	Bl:ls	ppm	---	(166)
Tuolumne River Basin								
Tuolumne River	Below Don Pedro Dam, near La Grange, Calif.	1,540[b]	10/7/05-1/3/06	13	Bl:ls	mg/l	T/dy.	(102)
Tuolumne River	At La Grange, Calif.	1,600[b]	1/1/06-12/31/06	35	Bl:ls	ppm	---	(166)
Stanislaus River Basin								
Stanislaus River	Knights Ferry, Calif.	---	1/1/06-7/31/06	21	Bl:ls	ppm	---	(166)
Mokelumne River Basin								
Mokelumne River	Clements, Calif.	630[b]	1/1/06-12/31/06	36	Bl:ls	ppm	---	(166)

PACIFIC SLOPE BASINS IN CALIFORNIA

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Sacramento River Basin								
Sacramento River Main Stem								
Sacramento River	Near Red Bluff, Calif.	9,300[b]	7/3/05-3/23/07	87	Bl:ls	mg/l	T/dy.	(102)
Sacramento River	Above mouth of Feather River, Calif.	---	1878-79	9	---	ppm	---	(48)
Sacramento River	Below mouth of Feather River, Calif.	---	1878-79	6	---	ppm	---	(48)
Sacramento River	Above mouth of American River, Calif.	---	1878-79	17	---	ppm	---	(48)
Sacramento River	At Weir, Sacramento, Calif.	---	1/5/35	---	Bl:ls	lb./ac.-ft.	---	(133)
	.....do.....	---	4/21/39-3/6/41	---	Bl:ls	lb./ac.-ft.	---	(133)
	.....do.....	---	4/10/43-11/4/46	72	Bl:ls	lb./ac.-ft.	---	(133)
Sacramento River	Sacramento, Calif.	---	1878-79	12	---	ppm	---	(48)
	.....do.....	25,000	5/29/05-12/29/05	16	Bl:ls	mg/l	---	(102)
	.....do.....	25,000	1/1/06-12/31/06	35	Bl:ls	ppm	---	(166)
	.....do.....	25,000	12/31/07-1/9/08	1	Bl:ls	ppm	---	(166)
	.....do.....	25,000	1/10/08-12/31/08	36	Bl:ls	ppm	---	(166)
Sacramento River	At Freeport, Calif.	---	1878-79	24	---	ppm	---	(48)
Pit River Basin								
Pit River	Bieber, Calif.	2,950	7/7/05-3/2/07	50	Bl:ls	mg/l	T/dy.	(102)
Stony Creek Basin								
Stony Creek	Fruto, Calif.	760	9/14/05-1/13/06	6	Bl:ls	mg/l	T/dy.	(102)
Feather River Basin								
Feather River	Big Bend, Calif.	1,945[b]	4/26/38-7/1/38	8	Bl:ls	lb./ac.-ft.	---	(133)
Feather River	At Big Bar, near Pulga, Calif.	1,945[b]	4/26/38-7/1/38	8	Bl:ls	lb./ac.-ft.	---	(133)
Feather River	At Hennessey's, Calif.	---	1879	18	---	ppm	---	(48)
Feather River	Burt's Ferry, Calif.	---	1879	15	---	ppm	---	(48)
Feather River	Oroville, Calif.	3,611[b]	1879	6	---	ppm	---	(48)
	.....do.....	3,640[a]	6/25/05-2/14/07	66	Bl:ls	mg/l	T/dy.	(102)
	.....do.....	3,640[a]	1/1/06-12/31/06	31	Bl:ls	ppm	---	(166)
	.....do.....	3,611[b]	4/26/38-7/1/38	8	Bl:ls	lb./ac.-ft.	---	(133)
Feather River	Marysville, Calif.	---	4/26/38-6/28/40	76	Bl:ls	lb./ac.-ft.	---	(133)
	.....do.....	---	1/30/42-11/1/46	169	Bl:ls	lb./ac.-ft.	---	(133)
Middle Fk. Yuba River	Freeman's Crossing, Calif.	207	5/19/38-6/23/38	6	Bl:ls	lb./ac.-ft.	---	(133)
Yuba River	Daguerre Point, Calif.	---	3/30/38-6/30/38	9	Bl:ls	lb./ac.-ft.	---	(133)
Yuba River	Smartville, Calif.	1,220[a]	7/7/05-9/7/05	9	Bl:ls	mg/l	T/dy.	(102)
	.....do.....	1,201[b]	1/1/06-12/31/06	35	Bl:ls	ppm	---	(166)
	.....do.....	1,201[b]	4/21/39	---	Bl:ls	lb./ac.-ft.	---	(133)
	.....do.....	1,201[b]	5/19/38-7/6/40	41	Bl:ls	lb./ac.-ft.	---	(133)
Yuba River	Parks Bar Bridge, Calif.	---	5/19/38-7/26/38	8	Bl:ls	lb./ac.-ft.	---	(133)
Yuba River	Near Marysville, Calif.	---	1878-79	74	---	ppm	---	(48)
Yuba River	Marysville, Calif.	---	5/19/38-11/1/46	249	Bl:ls	lb./ac.-ft.	---	(133)
Yuba River	At Upper Narrows Reservoir, Calif.	1,110	1/3/41-3/26/43	25	---	---	---	(133)
Yuba River	Below Upper Narrows Reservoir, Calif.	---	1/3/41-4/25/41	10	---	---	---	(133)
	.....do.....	---	2/26/43-11/1/46	80	---	---	---	(133)
N. Fk. Yuba River	Near North San Juan, Calif.	---	5/19/38-6/30/38	7	Bl:ls	lb./ac.-ft.	---	(133)
S. Fk. Yuba River	Bridgeport, Calif.	---	4/26/38-6/30/38	9	Bl:ls	lb./ac.-ft.	---	(133)
Deer Creek	Near Smartville, Calif.	83.5[b]	6/29/38	---	Bl:ls	lb./ac.-ft.	---	(133)
Bear River	Near Colfax, Calif.	---	1/24/40-7/5/40	27	Bl:ls	lb./ac.-ft.	---	(133)
	.....do.....	---	1/23/42-1/30/42	2	Bl:ls	lb./ac.-ft.	---	(133)
Bear River	Auburn, Calif.	140[b]	2/27/35	1	Bl:ls	lb./ac.-ft.	---	(133)
	.....do.....	140[b]	3/30/38-7/5/40	46	Bl:ls	lb./ac.-ft.	---	(133)
	.....do.....	140[b]	1/23/42-11/1/46	92	Bl:ls	lb./ac.-ft.	---	(133)
Bear River	Near Wheatland, Calif.	295[b]	5/26/38-6/30/38	6	Bl:ls	lb./ac.-ft.	---	(133)
Bear River	At Wheatland, Calif.	---	1879	6	---	ppm	---	(48)
Bear River	At Wire Bridge, Calif.	---	1879	11	---	ppm	---	(48)
Greenhorn Creek	Colfax, Calif.	---	1/24/40-7/5/40	28	Bl:ls	lb./ac.-ft.	---	(133)
	.....do.....	---	1/10/41-3/6/41	---	Bl:ls	lb./ac.-ft.	---	(133)
	.....do.....	---	1/23/42-1/30/42	2	Bl:ls	lb./ac.-ft.	---	(133)
Bear River Canal (Wise Canal)	Near Diversion, Calif.	---	2/28/35	1	Bl:ls	lb./ac.-ft.	---	(133)
	.....do.....	---	12/2/39-7/5/40	21	Bl:ls	lb./ac.-ft.	---	(133)
	.....do.....	---	1/23/42-11/1/46	88	Bl:ls	lb./ac.-ft.	---	(133)
Bear River Canal (Wise Canal)	At State Hwy. 49, Calif.	---	5/9/38-7/5/40	41	Bl:ls	lb./ac.-ft.	---	(133)
	.....do.....	---	1/23/42-11/1/46	86	Bl:ls	lb./ac.-ft.	---	(133)
American River Basin								
N. Fk. American River	Below Shirttail Canyon, Calif.	---	4/23/43-11/1/46	76	Bl:ls	lb./ac.-ft.	---	(133)
N. Fk. American River	Weimar, Calif.	---	1/4/40-2/26/43	48	Bl:ls	lb./ac.-ft.	---	(133)
N. Fk. American River	Debris Control Reservoir, Calif.	343[b]	4/10/39-3/20/43	63	Bl:ls	lb./ac.-ft.	---	(133)
N. Fk. American River	Below Debris Control Reservoir, Calif.	---	2/2/39-10/31/46	152	Bl:ls	lb./ac.-ft.	---	(133)
N. Fk. American River	Above Jot. with Middle Fk. Calif.	---	3/29/35	1	Bl:ls	lb./ac.-ft.	---	(133)
	.....do.....	---	4/15/37	1	Bl:ls	lb./ac.-ft.	---	(133)
	.....do.....	---	3/30/38-2/26/44	126	Bl:ls	lb./ac.-ft.	---	(133)
N. Fk. American River	At N. Fk. Ditch Co., Diversion Dam, Calif.	---	2/2/42-3/7/42	4	Bl:ls	lb./ac.-ft.	---	(133)
N. Fk. American River	At Rattlesnake Bridge, Calif.	999[b]	12/20/39-3/7/40	25	Bl:ls	lb./ac.-ft.	---	(133)
	.....do.....	---	1/26/42-10/30/46	95	Bl:ls	lb./ac.-ft.	---	(133)
American River	Near Auburn, Calif.	---	1/4/35	1	Bl:ls	lb./ac.-ft.	---	(133)
	.....do.....	---	4/7/39-5/9/41	33	Bl:ls	lb./ac.-ft.	---	(133)
	.....do.....	---	5/19/45-10/31/46	27	Bl:ls	lb./ac.-ft.	---	(133)
American River	Folsom, Calif.	---	1/3/35-2/19/39	---	Bl:ls	lb./ac.-ft.	---	(133)

PACIFIC SLOPE BASINS IN CALIFORNIA

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Sacramento River Basin								
American River Basin (cont'd)								
American River	Folsom, Calif.	----	3/24/40-7/8/40	16	Bl:ls	lb./ac.-ft.	---	(133)
	do.	---	1/26/42-10/31/46	---	Bl:ls	lb./ac.-ft	---	(133)
American River	Fair Oaks, Calif.	1,900[a]	7/9/05-8/12/05	3	Bl:ls	mg/l	T/dy.	(102)
	do.	1,921[b]	1/1/06-12/31/06	34	Bl:ls	ppm	---	(166)
	do.	1,921[b]	2/19/35	---	Bl:ls	lb./ac.-ft.	---	(133)
American River	Sacramento, Calif.	---	1/5/35	---	Bl:ls	lb./ac.-ft.	---	(133)
	do.	---	4/21/39-7/8/40	59	Bl:ls	lb./ac.-ft.	---	(133)
	do.	---	4/9/43-10/31/46	76	Bl:ls	lb./ac.-ft.	---	(133)
American River	Near mouth at Sacramento, Calif.	---	1878-79	15	---	ppm	---	(48)
Middle Fk. American River	Auburn, Calif.	619[b]	6/9/38-10/31/46	140	Bl:ls	lb./ac.-ft.	---	(133)
Middle Fk. American River	Ruck-a-Chuck D.S., Calif	---	1/19/40-6/21/40	21	Bl:ls	lb./ac.-ft.	---	(133)
S. Fk. American River	Mormon Island Bridge, Calif.	---	12/20/39-7/5/40	34	Bl:ls	lb./ac.-ft.	---	(133)
	do.	---	1/26/42-10/31/46	93	Bl:ls	lb./ac.-ft.	---	(133)
N. Fk. Ditch	At Diversion Dam, Calif.	---	4/18/39-7/5/40	12	Bl:ls	lb./ac.-ft.	---	(133)
	do.	---	2/2/42-5/5/45	43	Bl:ls	lb./ac.-ft.	---	(133)
N. Fk. Ditch	Mile 7+1850, Calif.	---	1/7/40-10/31/46	94	Bl:ls	lb./ac.-ft.	---	(133)
N. Fk. Ditch	Mile 18+4286, Calif.	---	1/3/41-5/9/41	8	Bl:ls	lb./ac.-ft.	---	(133)
N. Fk. Ditch	Mile 24+4885, Calif.	---	12/20/39-10/31/46	142	Bl:ls	lb./ac.-ft.	---	(133)
Colusa and Yolo Basins								
Cache Creek	Yolo, Calif.	1,150[b]	12/31/07-8/2/08	22	Bl:ls	ppm	---	(166)
Putah Creek	Winters, Calif.	614[b]	7/14/05-3/1/07	62	Bl:ls	mg/l	T/dy.	(102)
Russian River Basin								
Russian River	Ukiah, Calif.	253	12/31/07-12/31/08	37	Bl:ls	ppm	---	(166)
Klamath River Basin								
Link River	Klamath Falls, Oreg.	3,812[b]	6/15/05-11/12/06	17	Bl:ls	mg/l	T/dy.	(102)
San Francisco Bay								
San Francisco Bay	Suisun Bay at Mare Island Strait, Calif.	---	3/28/39-3/31/39	400	Bt 1/	---	---	(136)
San Francisco Bay	Chipps Island, Calif.	---	7/9/30-10/4/30	---	Bt 1/	---	---	(138)

1/ Samplee taken from surface to 1 foot above bottom. Bed-load samples taken.

Part 12

PACIFIC SLOPE BASINS IN WASHINGTON AND UPPER COLUMBIA RIVER BASIN

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Pacific Slope Basins between Columbia River and Puget Sound								
Chehalis River Basin								
Chehalis River	Centralia, Wash.	840	2/1/10-1/31/11	12	Bl:ls	---	T/dy.	(164)
Wynoochee River	Montesano, Wash.	---	2/1/10-1/31/11	4	Bl:le	ppm	---	(164)
Puget Sound Basins								
Duwamish River Basin								
Green River	Hot Springs, Wash.	---	2/1/10-8/18/10	20	Bl:ls	ppm	---	(164)
Lake Washington Basin								
Cedar River	Ravensdale, Wash.	149[b]	2/1/10-1/31/11	36	Bl:le	---	T/dy.	(164)
Snohomish River Basin								
Wood Creek	Everett, Wash.	---	3/13/10-1/31/11	31	Bl:ls	ppm	---	(164)
Skagit River Basin								
Skagit River	Sedro Woolley, Wash.	2,930[b]	2/1/10-1/31/11	37	Bl.:ls	ppm	T/dy.	(164)
Upper Columbia River Basin								
Columbia River Main Stem								
Columbia River	Northport, Wash.	---	2/1/10-1/31/11	32	B	ppm	---	(164)
Columbia River	Pasco, Wash.	---	2/1/10-1/31/11	36	B	ppm	T/dy.	(164)
Spokane River Basin								
S. Fk. Coeur d'Alene River	Enaville, Idaho	---	5/13/21-6/30/22	414	---	---	T	(103)
N. Fk. Coeur d'Alene River	Enaville, Idaho	---	5/13/21-6/30/22	414	---	---	T	(103)
Spokane River	Spokane, Wash.	4,350[b]	2/1/10-1/31/11	33	B	ppm	T/dy.	(164)
Okanogan River Basin								
Okanogan River	Okanogan, Wash.	7,740[b]	3/3/10-1/16/11	32	B	ppm	---	(164)
Salmon Creek	Malott, Wash.	150	5/23/05-1/13/06	22	B	mg/l	T/dy.	(102)
Wenatchee River Basin								
Wenatchee River	Cashmere, Wash.	1,200[b]	2/1/10-1/31/11	35	B	ppm	T/dy.	(164)
Yakima River Basin								
Yakima River	Cle Elum, Wash.	500[b]	2/1/10-1/31/11	32	B	ppm	T/dy.	(164)
Yakima River	Prosser, Wash.	5,340	2/1/10-1/31/11	31	B	ppm	T/dy.	(164)
Naches River	Naches, Wash.	943[b]	2/1/10-6/30/10	14	B	ppm	---	(164)

Part 13

SNAKE RIVER BASIN

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Sneke River Main Stem								
Snake River	Weiser, Idaho	74,900	8/11/11-8/14/12	36	B	ppm	T/dy.	(165)
Snake River	Near Burbank, Wash.	109,000[b]	3/13/10-1/31/11	33	B	ppm	T/dy.	(164)
Tributariss and Diversions between Portneuf River and Salmon Falls Creek								
S. Side Twin Falls Canal	Near Murtaugh Outlet, Idaho	---	2/16/44-4/4/44	2	Bl:lv	ppm	---	(155)
Rock Creek	Above Fifth Fork Damsite, Idaho	---	8/18/43-4/4/44	3	Bl:lv	ppm	---	(155)
Rock Creek	At Fifth Fork Damsite, Idaho	---	12/16/43-4/4/44	2	Bl:lv	ppm	---	(155)
Rock Creek	At Crockett Damsite, near Twin Falls, Idaho	---	8/18/43-4/4/44	4	Bl:lv	ppm	---	(155)
Owyhee River Basin								
Owyhee River	Owyhee, Oreg.	11,160[b]	8/11/11-8/14/12	37	Bl:l	ppm	T/dy.	(165)
Boise River Basin								
Boise River	Near Twin Springs, Idaho.	830[b]	1/17/39-6/20/40	1/	Dih3:ldi	ppm	T/dy.	(84)
Boise River	At Dowling Ranch, near Arrowrock, Idaho	2,220[b]	1/17/39-2/40	1/	Dih3:ldi	ppm	T/dy.	(84)
	.....do.....	2,220[b]	2/40-6/30/40	1/	T-B3:v	ppm	T/dy.	(84)
Boise River	Highland, Idaho	2,610	5/26/05-4/30/07	47	B	mg/l	T/dy.	(102)
Boise River	At Notus, Idaho	3,820	1/13/39-6/30/40	1/	Dih3:ldi	ppm	T/dy.	(84)
Cottonwood Creek	At Arrowrock Reservoir, Idaho	21.4	1/23/39-6/30/40	1/	Dih3:ldi	ppm	T/dy.	(84)
Grouee Creek	Near Arrowrock, Idaho	8.0	1/20/39-6/30/40	1/	Dih3:ldi	ppm	T/dy.	(84)
Moore Creek	Above Granite Creek, near Idaho City, Idaho	37.0	1/20/39-6/30/40	1/	Dih3:ldi	ppm	T/dy.	(84)
Moore Creek	Above Thorn Creek, near Idaho City, Idaho	119	1/28/39-6/30/40	1/	Dih3:ldi	ppm	T/dy.	(84)
Granite Creek	Near Idaho City, Idaho	4.8	1/18/39-6/30/40	1/	Dih3:ldi	ppm	T/dy.	(84)
Bannock Creek	Near Idaho City, Idaho	4.5	1/16/39-6/30/40	1/	Dih3:ldi	ppm	T/dy.	(84)
Pine Creek	Above Barry Placer Diversion, near Idaho City, Idaho	6.1	2/13/40-6/30/40	1/	Dih3:ldi	ppm	T/dy.	(84)
Pine Creek	Near Idaho City, Idaho	6.5	1/16/39-2/12/40	1/	Dih3:ldi	ppm	T/dy.	(84)
Elk Creek	Above Gold Hill Placer Diversion, near Idaho City, Idaho	13.1	2/4/40-6/30/40	1/	Dih3:ldi	ppm	T/dy.	(84)
Elk Creek	Near Idaho City, Idaho	22.3	1/20/39-2/4/40	1/	Dih3:ldi	ppm	T/dy.	(84)
New York Canal	Near Barber, Idaho	---	2/1/39-2/40	1/	Dih3:ldi	ppm	T/dy.	(84)
	.....do.....	---	2/40-6/30/40	1/	T-B3:v	ppm	T/dy.	(84)
Cottonwood Gulch	At Boise, Idaho	16.0	1/27/39-6/30/40	1/	Dih3:ldi	ppm	T/dy.	(84)
Malheur River Basin								
Malheur River	Vale, Oreg.	3,870[b]	3/26/05-12/4/05	33	Bl:l	mg/l	T/dy.	(102)
Payette River Basin								
Payette River	Horseshoe Bend, Idaho	2,230[b]	5/15/06-9/13/06	23	B	mg/l	T/dy.	(102)
Powder River Basin								
Powder River	North Powder, Oreg.	826[b]	8/11/11-8/14/12	37	Bl:l	ppm	T/dy.	(165)
Grande Ronde River Basin								
Grande Ronde River	Elgin, Oreg.	1,350[b]	8/11/11-8/14/12	37	Bl:l	ppm	T/dy.	(165)
Wallowa River	Joseph, Oreg.	526	8/18/11-8/15/12	13	Bl:l	ppm	T/dy.	(165)
Palouse River Basin								
Palouse River	Hooper, Wash.	2,210	5/22/05-10/8/05	20	Bl:l	mg/l	T/dy.	(102)
S. Fk. Palouse River	Above Paradise Creek, near Pullman, Wash.	81.1	5/34-6/40	1/	Dih3:ldi	ppm	T/dy.	(42)(97)
S. Fk. Palouse River	At Pullman, Wash.	132	4/34-6/38	1/	Dih3:ldi	ppm	T/dy.	(42)
Paradise Creek	Near Pullman, Wash.	37.0	7/34-6/38	1/	Dih3:ldi	ppm	T/dy.	(42)
Dry Fork of S. Fk. Palouse River	At Pullman, Wash.	7.6	12/34-6/38	1/	Dih3:ldi	ppm	T/dy.	(42)
Miesouri Flat Creek	At Pullman, Wash.	27.5	4/34-6/40	1/	Dih3:ldi	ppm	T/dy.	(42)(97)
Watershed G.S.8	Pullman, Wash.	1.191	4/15/34-5/23/38	2/	B	%/wt.	T/ac.	(54)
Watershed G.S.6	Pullman, Wash.	0.024	1/1/33-5/28/38	2/	B	%/wt.	T/ac.	(54)
Watershed G.S.5	Pullman, Wash.	0.023	1/1/33-5/21/38	2/	B	%/wt.	T/ac.	(54)
Watershed G.S.4	Pullman, Wash.	0.0036	1/1/32-5/17/38	3/	R	%/wt.	T/ac.	(54)
Watershed G.S.2	Pullman, Wash.	0.107	1/1/32-5/21/38	2/	B	%/wt.	T/ac.	(54)
Fourmile Creek	At Shawnee, Wash.	71.9	4/34-6/40	1/	Dih3:ldi	ppm	T/dy.	(42)(97)

1/ Minimum of 1 per day, 2 to 10 per day during changing stages.
2/ Samples taken periodically to correspond with important changes in quantity of discharge.
3/ Composite sampling of all runoff.

Part 14

PACIFIC SLOPE BASINS IN OREGON AND LOWER COLUMBIA RIVER BASIN

DRAINAGE BASIN AND STREAM	LOCATION	DRAINAGE AREA IN SQUARE MILES	PERIOD OF RECORD	NUMBER OF OBSERVATIONS	SAMPLING EQUIPMENT	UNIT OF EXPRESSION		REFERENCE NUMBER
						CONCENTRATION	LOAD	
Columbia River Main Stem								
Columbia River	Stevenson, Wash.	239,400	3/13/10-12/31/10	30	B	ppm	T/dy.	(164)(165)
	do.	239,400	8/1/11-8/14/12	36	B	ppm	T/dy.	(164)(165)
Columbia River	Cascade Locks, Oreg.	240,000	3/13/10-12/31/10	66	Bl:l	ppm	T/dy.	(165)
	do.	240,000	8/11/11-8/14/12		Bl:l	ppm	T/dy.	(165)
Columbia River	Bonneville Dam, Oreg.	240,000 1/	4/1/42-3/31/43	58	B	ppm	T/dy.	(131)(153)
Columbia River	Below mouth of Willamette River, Wash.	---	1922	---	---	---	---	(131)
Tributaries of Columbia River Below mouth of Snake River								
Umatilla River Basin								
Umatilla River	Gibbon, Oreg.	353[b]	8/1/11-8/30/11	3	Bl:l	ppm	T/dy.	(165)
Umatilla River	Yoakum, Oreg.	1,280[b]	8/31/11-8/14/12	35	Bl:l	ppm	T/dy.	(165)
Umatilla River	Umatilla, Oreg.	2,290[b]	8/11/11-8/14/12	36	Bl:l	ppm	T/dy.	(165)
John Day River Basin								
John Day River	Dayville, Oreg.	1,000[b]	8/1/11-8/15/12	13	Bl:l	ppm	T/dy.	(165)
John Day River	McDonald Ferry, Oreg.	7,580[b]	8/11/11-8/14/12	37	Bl:l	ppm	T/dy.	(165)
Deschutes River Basin								
Deschutes River	Below Bend, Oreg.	---	8/1/11-8/15/12	13	Bl:l	ppm	T/dy.	(165)
Deschutes River	At Moody, Oreg.	10,500[b]	8/21/11-7/25/12	34	Bl:l	ppm	T/dy.	(165)
Crooked River	Near Prineville, Oreg.	2,810[b] 2/	8/1/11-8/14/12	29	Bl:l	ppm	T/dy.	(165)
Klickitat River Basin								
Klickitat River	Klickitat, Wash.	---	2/1/10-1/31/11	37	B	ppm	T/dy.	(164)
Sandy River Basin								
Sandy River	Above mouth of Salmon River at Brightwood, Oreg.	117[b]	12/11/11-8/14/12	25	Bl:l	ppm	T/dy.	(165)
Sandy River	Below mouth of Salmon River near Brightwood, Oreg.	242	8/11/11-11/28/11	11	Bl:l	ppm	T/dy.	(165)
Bull Run River	Bull Run, Oreg.	102[b]	8/1/11-7/25/12	36	Bl:l	ppm	T/dy.	(165)
Willamette River Basin								
Willamette River	Salem, Oreg.	7,280[b]	8/10/10-12/31/10	15	Bl:l	ppm	---	(165)
	do.	7,280[b]	8/11/11-8/14/12	37	Bl:l	ppm	T/dy.	(165)
Willamette River	At mouth, Oreg.	11,200	1922	---	---	---	---	(131)
McKenzie River	Springfield, Oreg.	1,100[b]	8/11/11-8/14/12	36	Bl:l	ppm	T/dy.	(165)
North Santiam River	Mehama, Oreg.	655[b]	8/1/11-12/18/11	14	Bl:l	ppm	T/dy.	(165)
Clackamas River	Cazadero, Oreg.	665[b]	8/11/11-8/14/12	37	Bl:l	ppm	T/dy.	(165)
Streams between Columbia River and Klamath River								
Siletz River Basin								
Siletz River	Siletz, Oreg.	202[b]	8/11/11-8/14/12	36	Bl:le	ppm	T/dy.	(165)
Umpqua River Basin								
Umpqua River	Elkton, Oreg.	3,680[b]	8/1/11-8/15/12	22	Bl:le	ppm	T/dy.	(165)
Rogue River Basin								
Rogue River	Tolo, Oreg.	---	9/10/11-8/14/12	33	Bl:le	ppm	T/dy.	(165)

1/ This drainage area for Bonneville Dam, Oregon, is not published by the U. S. Geological Survey, but is established on basis of published U. S. Geological Survey areas at the Dalles, Oregon.
2/ Includes 500 square miles of probably non-contributing drainage area.

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WATER RESOURCES BRANCH

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